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TRADE MARK

1935

Pudor's ANNUAL

PLANTS · SEEDS · BULBS

PUDOR'S INC.
PUYALLUP, WASHINGTON STATE
U.S.A.



EUROPEAN TROLLIUS *or* GLOBE FLOWER

A hardy, charming spring-blooming Perennial covered with long-stemmed, large, very double orange flowers blooming for many weeks and often blooming again in the late fall. Plants are offered on page 41.



To All Customers and Friends

In handing you this Catalogue, we thank you sincerely for your support during 1934, and by "support" we do not imply your orders alone. Your friendly letters, kindly and helpful suggestions, expressions of appreciation or satisfaction and your generous recommendations to friends, have been most gratifying and encouraging. The value of your confidence is not underestimated for we realize that the steady and continual expansion of our business is its direct and inevitable result.

Though this Annual Spring Catalogue grows more comprehensive each season, we do not make additions without very careful consideration, neither is praise bestowed indiscriminately. Where you find we recommend a flower, you may rely on its real merit.

Our business policy has always been to give good value, good quality combined with "buyable" prices, and efficient service. Our earnest endeavor is to link up in your mind the two words "Pudor's—Satisfaction."

Yours sincerely,



President and General Manager,
Pudor's, Inc.

January 1st, 1935.

"To be able to call the plants by name makes them a hundredfold more sweet and intimate. Naming things is one of the oldest and simplest human pastime."

—Henry van Dyke.

General Directions to Customers

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves:

ORDER EARLY. We aim to execute all orders as soon as received, but during the rush season from March to May and again from July to September, slight delays are unavoidable, which, however, can be largely overcome by our patrons anticipating their wants and ordering and taking delivery of their requirements early.

CANADIAN SHIPMENTS. Flower seeds are sent postpaid. Plants are sent by express, purchaser paying all charges. Patrons who wish to purchase plants or bulbs must secure a permit from the Department of Agriculture, Ottawa.

SAFE ARRIVAL OF PACKAGES. We guarantee the safe arrival of all goods sent by express or mail to points within the United States. If a package sent by express or mail is injured or lost, we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failure after delivery of the goods in good condition.

ERRORS. We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business, errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.



REMITTANCES should be made by Post Office Money Order, Checks, Drafts or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letters should be registered. Coin should not be sent by mail.

CASH WITH ORDER. Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery" unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS. Please remember to write on each order your name, post office, county and state; also give number of street or P. O. box as distinctly as possible; also the nearest express office, or, if on a stage route, send us special directions.

CATALOGS. We send our customers two catalogs annually, viz: Garden Book in January, Iris and Mid-Summer Catalog combined about July 1. Customers having more than one address will oblige by stating to which address they wish the catalogs mailed.

NON-WARRANTY. Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalog will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

 We are NOT open for business on Sundays 

Visitors who want to see the flowers always welcome!

1935 Novelties and Gold Medal Winners

COSMOS KLONDYKE ORANGE FLARE

A lovely orange colored cosmos with early flowering habits, assuring you flowers before frosts. This beautiful cosmos will be in full bloom less than five months from sowing. The color is the same vivid orange of the ordinary Klondyke with attractive light green foliage. Seeds: $\frac{1}{4}$ oz. 40c; $\frac{1}{8}$ oz. 25c; per pkt. 15c.

CLARKIA GLORIOUS

Hardy Annual. Height 2½ Feet.

This was a leading novelty in England last year being a distinct break in color, being a brilliant crimson-scarlet on a dark stem with dark foliage. We recommend it highly to all lovers of clarkias which make such excellent cut flower subjects. $\frac{1}{16}$ oz. 25c; per pkt. 15c.

CYNOGLOSSUM

C. Nervosum. A very fine novelty. One of the true blue perennials of recent introduction. Award of Merit Royal Horticultural Society. Like a miniature anchusa, 12 to 18 inches high with handsome brilliant blue flowers in great profusion. Seed: Per pkt. 25c. A few seedling plants of flowering size 35c each.

NEW PETUNIA NANA COMPACTA PINK GEM

This is the first of a charming new race of miniature Petunias. It forms a neat compact plant five to six inches high, literally smothered with deep pink blooms. A plant eight inches in diameter will carry as many as twenty-five to thirty blooms in flower at one time. Individual blooms are two inches in diameter. This miniature petunia will be indispensable for borders, window boxes, pots, rock gardens and for bedding. Planted with a dwarf blue ageratum, the effect is most charming. Winner of Gold Medal in the 1934 all-American Selections. Price per pkt. 25c.



DIENER'S NEW GIANT DOUBLE WHITE SHASTA DAISY

This new double Shasta Daisy resembles very much a giant aster and in locations where the asters cannot be successfully grown due to the wilt disease this magnificent, double Shasta Daisy will take their place. The flowers are nearly five inches in diameter, on long stiff stems, making a most desirable cut flower. The plants flower for nearly three months. Please note that the seedlings will vary somewhat in type but most of them will come true. Per pkt. 25c.

NASTURTIIUM DOUBLE SCARLET GLEAM (Bodger) Ever since the introduction of Golden Gleam in 1931, interest has run high in anticipation of new colors in the double, sweet scented Gleam type of nasturtium. In introducing to our customers Scarlet Gleam this year we are giving the first answer to this demand for additional colors.

Those who have seen Scarlet Gleam growing, enthusiastically proclaim it even more intensely dazzling in color than the showy Golden Gleam. The flowers are a fiery orange scarlet, a color comparable to the brilliance of Scarlet Sage, or seeing a row of the plants one might visualize a showy border of scarlet geraniums. The individual blooms are of an immense size, almost three inches across, much larger than any nasturtium ever known. The sweet fragrance is more pronounced, and the double flowers more uniformly well formed. The foliage is the same lush green characteristic of Golden Gleam, and the contrast of the large, double, fiery orange scarlet flowers above their cool restful green leaves attracts and holds the eye at once, while the ease with which they can be grown under almost any conditions will make Scarlet Gleam the most popular all around annual.

The plants are semi-dwarf, throwing short runners from a well rounded free flowering bush, with long wiry stems bearing the numerous flowers well above the foliage, which gives the effect of a solid mass of color.

NASTURTIIUM DOUBLE GLEAM HYBRIDS (Bodger.) With the introduction of these Gleam Hybrids the flower world is enriched by an advance in the forward progress of the plant world. As the Dahlia Flowered Zinnias in 1924 tolled the death knell of the single Zinnia, Double Gleam Nasturtiums in 1934 are the fountain head from which will issue the flower of tomorrow in the Nasturtium family. The hybrids are a collection of gorgeously colored, large, well formed flowers of such dazzling beauty that the mind hesitates to credit the evidence of the eyes. Colors certainly never dreamed of before in a double nasturtium abound in profusion—glorious flowers of salmon, golden yellow, orange scarlet, cerise, cream yellow, orange, crimson, and gold flushed scarlet combine with the foliage of fresh green. They thrive under almost any cultural conditions, and this factor, combined with the brilliance of their colors, assures Gleam Hybrids of a universal popularity.

The plants are semi-dwarf, throwing short runners from well rounded free flowering bushes. Stems are long, and bear the flowers well above the foliage of the plant. In the garden or for cutting no flower could be more lovely.

PRICE OF SEEDS: A competitive firm advertised the seeds of Scarlet Gleam and the Gleam Hybrids the past season at 10c per single seed. We will sell you a packet containing 15 seeds for 30c; $\frac{1}{8}$ oz., approx. 25 seeds, for 50c; $\frac{1}{4}$ oz., approx. 50 seeds, for 90c; $\frac{1}{2}$ oz., about 100 seeds, for \$1.50; a whole ounce for \$3.00. These prices are either for the Double Scarlet Gleam or the Double Gleam Hybrids.

THE NEW LARKSPUR STOCK FLOWERED "ROSAMOND"

This is the striking new larkspur which was introduced last year but were forced to withdraw from sale early in the season as we were soon sold out. It was awarded a gold medal in the all-American Selections for 1934 and has occasioned enthusiastic comment by all who have seen it.

There are three points on which Rosamond is outstanding. The color is new and distinct, a pure bright rose which has been entirely lacking in larkspurs up to this time. It is somewhat deeper than the old variety Bright Rose, which fades so badly, while this one has that rare quality of holding the pure rose color until out of flower. It is two weeks earlier than other stock flowered varieties, giving a good cut before other larkspurs are available. It is exceptionally uniform in height, 4 feet tall, with numerous good spikes heavily covered with the fully double flowers. "Rosamond" should be in every garden next season. Price: $\frac{1}{2}$ oz. \$1.25; $\frac{1}{4}$ oz. 70c; $\frac{1}{8}$ oz. 40c; per pkt. 25c.

LARKSPUR GIANT IMPERIAL BLUE BELL. New. (Special mention, all-American Selections 1934.) Blue Bell is a fine medium blue larkspur deeper than Sky Blue, a color up to this time lacking in the giant imperial type. The habit is decidedly upright, with long basal branched flowering spikes, well adapted for cutting. Price: $\frac{1}{2}$ oz. 65c; $\frac{1}{4}$ oz. 40c; $\frac{1}{8}$ oz. 25c; per pkt. 15c.

CHINA-ASTER, "LOS ANGELES"

This is the largest and most fully double aster known. It received an Award of Merit last year. The flowers are from six to eight inches across, of the interlacing ostrich feather type. The color is a lovely soft shell pink. The plants reach a height of two and a half to three feet with six to eight long stems. For those who want the finest aster yet developed, we heartily recommend Los Angeles.

Seeds: $\frac{1}{8}$ oz. 60c; $\frac{1}{16}$ oz. 35c; per pkt. 25c.

DORONICUM PARDALIANCHES "GOLDEN BUNCH"

An excellent perennial which produces a profusion of long-stemmed flowers, in May-June, when *Doronicum caucasicum* and *D. plantagineum* have finished blooming. *Doronicum Golden Bunch* has innumerable flowers of a brilliant canary-yellow. It makes large bushes of about 24 to 32 inches high and is ideal for cut flower growers, general decorative purposes, and perennial borders. Per pkt. 35c; 3 for \$1.00.

Plants: We have a small quantity of strong plants, clumps that will bloom this year at 40c each; 3 for \$1.10, postpaid.

TAGETES (MARIGOLD) PUMILA LITTLE GIANT

This new strain of this pretty little Marigold is the highest development yet attained in this neat, dwarf, really compact strain with slender fern-like foliage and abundance of dainty, single, golden orange flowers on plants which are only 4 to 6 inches high with a spread of 8 to 10 inches. Seeds: $\frac{1}{8}$ oz. 25c; per pkt. 15c.

MIMULUS "RED EMPEROR"

Mimulus are becoming deservedly more popular each year. Few plants have such a long flowering period or give such a wealth of bloom. The gem for the border or rockery is bright crimson scarlet in color. Very free flowering indeed and compact in habit. Sown in March it will bloom in late June and if the seed pods are removed it will continue to flower throughout the summer and autumn. *Red Emperor* thrives in moist places and is therefore an excellent subject for planting in sunken gardens and on the edge of water courses and ponds. Per pkt. 25c.

**ZINNIA FANTASY
MIXED**

New chrysanthemum-like Zinnias of a smaller flowering and more graceful appearance than the popular giant flowered varieties. The rounded flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance to the medium sized double flowers. (See photograph.) The color ranges from the brightest shades of reds and orange to the popular pastel pinks and beautiful creams. Seeds: $\frac{1}{4}$ oz. \$1.25; $\frac{1}{8}$ oz. 65c; $\frac{1}{16}$ th oz. 35c; per pkt. 25c.

*Zinnia Fantasy***ZINNIA DESERT GOLD**

Those who appreciate the finest in zinnias will welcome the shades of *Desert Gold*. A variety containing the light and deep hues of gold, each petal over-layered at the base with a deeper golden yellow. Seeds in bulk same as the above *Fantasy*. Per pkt 25c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.25.

GODETIAS

Great things are going on amongst *Godetias* but it will be many years before a more outstanding variety than *Sybil Sherwood* is introduced. It is of dwarf growth and makes a lovely border or individual pot plant. A package of seeds costs only 25c.

Best Novelties of 1934 and Preceding Years.

ANTIRRHINUM NANUM MALMAISON

The most beautiful snapdragon ever placed on the market. The color, a pure silvery pink, is given a pastel tone by the contrasting dark foliage. The habit is ideal, the plant strong stemmed, and the beautiful formed flowers are of great size and well placed on the stem. 2 packs 25c, per pkt. 15c.

CALENDULA OFFICINALIS ART SHADES

We have pleasure in introducing something entirely new in Calendulas, this mixture is the result of many years' selection. It contains many tones and shades not previously obtainable, delicate apricots, beautiful picotees, orange shades, cream tones, in fact, every conceivable tint from almost pure white through cream and buff to yellow and deep orange. Per pkt. 20c, 1/8 oz. 50c.

NEW ANNUAL CANTERBURY BELLS

Seed Planted in February Blooms in July

This new annual Canterbury Bell blooms from seed in less than six months. It will be possible now to have this beautiful flower in bloom at almost any time of the year. Grows from two to two and one-half feet tall with six to eight spikes of blooms. We offer this very fine novelty in mixture only, containing the following colors: dark blue, light blue, pink, rose and white. Seeds 1/16 oz. 35c, 2 pkts. 25c, per pkt. 15c.

ASTER SUB-COERULEUS (Perennial)

A hardy species of Perennial Aster from Northwest India. Handsome clear mauve Marguerite flowers, 3 inches across, each one having the contrast of a bold orange-yellow center; borne on long straight stems, and invaluable for cutting. Easily raised from seed. 1/16 oz. 35c, per pkt. 15c.

DAHLIA UNWIN'S DWARF HYBRIDS

These bedding hybrids are the outcome of 10 years' hybridization and selection, and must not be confused with the ordinary single Coltness Gem Hybrids. The original parents were Coltness Gem and, on the other side, the finest varieties of the Charm or Miniature Paeony Flowered type. Messrs. Unwin's object has been the combination of the best qualities of both types—the wonderful dwarf habit and freedom of Coltness Gem with the dainty semi-double form and the wide range of exquisite colorings of the Charms. Per pkt. (about 75 seeds) 25c, 1/16 oz. 50c.

DIANTHUS ALLWOODII ALPINUS

Many years of patient work, crossing selected types of Allwoodii on to various types of Rock Alpinus, have been rewarded by a number of ultra-beautiful seedlings. The best varieties have been carefully hand fertilized under glass. The large majority of seedlings will be of very dwarf habit, from 3 inches to 6 inches. The formation of flower is unique and the plants retain their beautiful glaucous foliage throughout the year. Plants are perpetual flowering from early summer until winter. Per pkt. 25c.

DIANTHUS WINTERI

We have pleasure in offering seed of these striking new Pinks. They have been greatly admired when shown and have been awarded a First Class Certificate by the R. H. S. The flowers are single of bold form, delightful pure colors and last a long time in flower. The habit of the plants are compact which makes them ideal rock plants. The flowers are produced the first year from seed and are deliciously scented. Per pkt. 20c.

GYPSOPHILA PACIFICA

A new rose-colored or pink hardy perennial Baby's Breath; begins to flower when the white paniculata varieties have passed. (Not to be confused with the pink Statice latifolia, the great Sea Lavender, which some gardeners insist upon calling Pink Baby's Breath, which it is not.) Height 4 feet. The above new pink Gypsophila is a true Baby's Breath of the paniculata variety. Seeds 1/16 oz. 40c, 1/8 oz. 75c per pkt. 20c.



CALENDULA OFFICINALIS CHRYSANTHA

We believe this new and entirely distinct development of the Calendula originated in Australia. It so strikingly resembles a yellow Chrysanthemum that visitors, on approaching a large batch growing for seed at Histon, almost invariably exclaimed "Are they Chrysanthus?" The obvious name was "Chrysantha."

As will be seen from the photograph, the large double flowers are of beautiful form and borne on exceptionally long stout stems, while the petals are long, broad and drooping, (as in Chrysanthemums), giving the flower a globular outline.

Owing to its pleasing buttercup-yellow color, its remarkably distinct and informal shape and great length of stem, Chrysantha will be found ideal for market work and interior decorations. It is without shadow of doubt, THE Calendula for cutting, a Novelty which must not be overlooked. Height 2 to 2¼ feet. Seed per pkt. 15c, ¼ oz. 25c, ½ oz. 40c.

DWARF GODETIA SYBIL SHERWOOD

The most outstanding flower seed novelty of recent years. A new color in annuals. Award of Merit Royal Horticultural Society. New flowers must, of necessity, vary in merit, but this is the Novelty of Novelties. Never before has any introduction given us so much pleasure; its popularity is assured, for orders already received prove that seedsmen throughout the world have recognized its value and decided to feature it in their catalogues. The color is a most glorious shade of bright salmon-pink softened by an undefined edging of white. The plant is of robust habit, reaches a height of about 20 inches, strong stemmed, and is so free in its flowering qualities that the foliage is practically hidden from view. No annual is more suited for border work, whilst as a pot plant this Novelty makes a superb effect. For cutting, too, it is ideal; experience has proved that the flowers will last from 10 to 14 days in water—the buds developing fully. Per pkt. 25c, 1/16 oz. 50c.

NEW CARNATION—FLOWERED MARIGOLD "Guinea Gold"

This is a very distinct type of Marigold, of graceful pyramidal habit, growing 2 to 2½ feet high, and producing 30 to 40 flowers, 2 to 2½ inches across, of brilliant shade of orange flushed with gold. Unlike the ordinary African Marigold, this new variety produces no single flowers, but practically 100 per cent double ruffled, loose-leaf petals. This variety has been accepted as a valuable cut flower for florists' use and is now in great demand. Seeds ⅛ oz. 40c, 2 pkts. for 25c, per pkt. 15c.

DOUBLE NASTURTIUM "Golden Gleam"

A remarkable development in this popular and easily grown species. Although not, strictly speaking, a double form, the extra petals enhance the attractiveness of the large golden yellow flowers, which are 2½ to 3 inches across, and emit a pleasant odor. The plant is of semi-trailing habit and throwing the blooms well above the foliage makes a most showy effect in beds. It will doubtless prove a valuable addition to our list of garden annuals. Forces well and makes a cut flower par excellence. ¼ lb. 50c, 1 oz. 25c, per pkt. 15c.

PAPAYER NUDICAULE COONARA

Fakenham Hybrids, Pink Iceland Poppies (perennials). Very fine, and much larger than the ordinary Coonara. We offer seed that only throws **Pink Art Shades**. The stems are also much straighter and stronger. Seed from re-selected stock. 1/16 oz. 60c, pkt. 25c. These Poppies transplant well.

PAPAYER NUDICAULE SUNBEAM

Improved. Fakenham Hybrids. Award of Merit Royal Horticultural Society. We offer a special selection of this fine perennial Poppy which embraces a large percentage of tangerine, yellow, and orange shades, only very few whites. Large flowers of leathery substance on strong, stout stems. Nearly twice the size of other Iceland Poppies. This Poppy originated from a cross with a Poppy from Thibet, and is much freer in bloom than any other of the same type. 1/16 oz. 60c, pkt. 25c. These Poppies transplant well.

ANNUAL POPPY "FAIRY"—Special Novelty for 1934

Plants of bush habit, carrying large single flowers. Colors ranging in pink, rose, salmon, flame, etc. Blooms are of good texture, and reach to 5 inches across, and are borne on stout stems, making them useful for cutting. Lasts well in water. Each flower has a Maltese cross in center, varying in color, and many have brown stamens which gives them a unique appearance. The **Shirley Poppy** has been one of the most popular annuals, and we look for this great improvement to reach even a greater popularity. Sow September outside and transplant in Spring, or sow in boxes February and treat as ordinary annuals. 1/16 oz. 35c, per pkt. 15c.

NOVELTY—POPPY, DAZZLER

Brilliant orange scarlet. This Poppy flowers longer than the other colors in this variety and makes a gorgeous bed. It comes 90% true. Sow in boxes in January or February and treat like an ordinary annual. It transplants well and without loss. but remember: Give these Poppies lots of room—18 inches is not too far. 1/16 oz. 35c, per pkt. 15c.



BEGONIA FLOWERED ANNUAL POPPY "Ryburgh Hybrids"

We offer a fine re-selected stock of this beautiful double Poppy. These were the admiration of all visitors last year. Like the most beautiful double Begonias; lovely cut-flower subjects for your house; will last for days when cut in the bud. Beautiful salmon-pink and pure pink shades. Sow in boxes in January, and treat as ordinary annual; it transplants well. No protection required; very hardy. 1/16 oz. 35c, per pkt. 20c.

AQUILEGIA - COLUMBINE

Unwin's Sweet Scented Hybrids (New). 2½ feet. They produced this new and distinct race by crossing the Long-Spurred type with a very large, broad-cupped, scented species sent us several years ago by a customer in northern India. In the main, these hybrids are large-flowered and long-spurred, while a very big percentage possess a delicate perfume closely resembling that of the scented peonies. Though practically all the colors which are found in the Long-Spurred hybrids are included, most of the seedlings are lavender, mauve or blue in various tones, with bold white and yellow cups. 1/16 oz. 75c, per pkt. 15c.

LONG - SPURRED "CRIMSON STAR"

This novelty has large blooms with sepals and spurs of deep bloom crimson and white petals—a combination of color almost unique among long-spurred Aquilegias. The plant is vigorous, sending up flower stems profusely, thus giving it a very decorative value in the flower border. Hardy perennial. 1/16 oz. \$1.00, per pkt. 25c.

TROLLIUS LEDEBOURI GOLDEN QUEEN

We have pleasure in again offering seed of a valuable hardy perennial plant. This variety is very vigorous, it grows quite four feet in height, but its chief value lies in the size of its flowers, which are four inches across, the rich golden color of the outer petals and the intense orange color of the smaller petals near the center of the flower intermix and blend beautifully with the yellow anthers. The plant is extremely floriferous and continues to flower for a long period, in fact the constancy with which it blooms in autumn as well as early summer is very remarkable. It comes practically true to type from seed. Any slight variation which may appear is only in the number of petals, but the fewer petals is amply compensated for by their being of such size and substance as not to be noticeable.

Most Trollius are rather uncertain to raise from seed when sown in spring, but one of the great recommendations this introduction has, is that the seed germinates freely when sown in spring. We tested this point very fully by three successive sowings in March, April and May, when practically every seed germinated. *Trollius Ledebouri Golden Queen* has received an Award of Merit from the Royal Horticultural Society, London. Seed 1/16 oz. 75c, per pkt. 25c.

VIOLA HYBRIDA ARKWRIGHT RUBY

One of the most distinct of all the bedding Pansies or Violas. The flowers are borne in great profusion and stand up nicely from the dwarf, spreading plant. A bed of *V. Arkwrightii* gives a warm effect when first approached, for the delightful ruby-red flowers seem to grow in their brilliance. The black centers and tiny yellow eyes do not dominate the flowers, but harmonize well with the ruby coloring. This Viola is worth raising from seeds; the greater number of the resultant seedlings will be true to type. A batch I know of raised last year were quite 90 per cent true, and the remainder yielded some pretty shades of red. Will always be scarce as the plant is a very shy seeder. 1/16 oz. \$1.00; per pkt. 35c.

VIOLA "PRIMROSE PERFECTION"

A large flowered "primrose" Viola of beautiful formation and the habit of the plant is dwarf and compact. This variety is so floriferous that the foliage is almost hidden. *Primrose Perfection* may be relied upon to come true to color from seed. Seed 1/16 oz. 40c, per pkt. 25c.

ASTER DELAVAYI

An extremely beautiful Chinese species, close tufts of olive-green foliage, stout naked stems bearing an exceptionally large solitary flower; the ray florets are very thin and inclined to twist; a delightful shade of lavender-blue with a conspicuous jet-black disc. It is very curious and before the flower fully develops the ray florets tie themselves across the black disc in a most conspicuous and charming manner. We are of the opinion this is one of the most beautiful of the species of recent introduction. 1/16 oz. 50c, per pkt. 25c.



A NEW LOVELY ANNUAL BORDER EFFECT

Our friend, Dr. Gill, up from Nova Scotia, writes us thus:

"I think I saw in your catalogue you recommend White and Lilac Alyssum as a border. I have found the Lilac does not come very decided in color so the contrast is not satisfactory at times, but I find the most lovely border is the White Annual Alyssum altered with *Lobelia Gracilis* as the *Lobelia* struggles up through the Alyssum and then falls over forming a most exquisite blue lace effect and it is always greatly admired by my friends and visitors. If you have not tried it I can strongly recommend it for effect and think you will be very pleased with it."

The seeds of the Annual Alyssum and the Blue Lobelias are priced on pages 25 and 29 respectively.

HINTS ON SOWING FLOWER SEEDS

When sowing seeds bear in mind the fact that every fertile seed contains a living plant in embryo. The germ of life is there in a state of suspended animation and only awaits favorable conditions to quicken and develop. Water, heat and air are the all-important factors, and a happy combination of these must be the object of all preparations.

WATER

As a general rule, a seed requires to take up a quantity of water equal to its own bulk to enable the germinating processes to commence. After these have once started, germination must go on, and growth continue, or the embryo will perish.

TEMPERATURE

Experiments have proved that seeds of hardy plants give the best percentage of germination if sown in a temperature of 45 to 50 degrees. Half-hardy subjects should be given 10 degrees more, while Cucumbers, Melons, Bananas, and the like, which revel under tropical conditions, should be afforded a seed bed temperature of 70 to 75 degrees.

AIR

Seeds breathe, giving off during the germinating processes carbon dioxide, and unless this can readily escape, germination is materially hindered, hence the advisability of using an open sandy compost that air can readily penetrate.

SEED SOWING UNDER GLASS

Seeds of any type sown under glass in pots or boxes should be sown very thinly, and be just lightly pressed into the soil with the aid of a piece of board. The soil should have been previously moistened and allowed to drain, and after sowing, cover the seed with three times its own diameter of fine sandy soil. By this method the seed is enclosed in a moist bed from which loss of water by evaporation must be checked by covering the pots, etc., with sheets of glass, and shading from direct sunshine with paper until the seedlings appear, as the soil must on no account be allowed to become dry after sowing. If possible, avoid any further watering until the seed has germinated, but should it appear necessary, water is best applied by standing the pot or pan in water up to the rim.

SEED SOWING OUT OF DOORS

Outdoor sowings are less under control, but the careful cultivator will usually be able to get a satisfactory seed bed. This is of the utmost importance, as much good seed is ruined by being sown when the soil is in an unsuitable condition. Good results can never be obtained by sowing in a pasty soil, the land should work freely without "balling," a condition that can often be obtained early in the season by lightly forking over and leaving to dry for a few hours in the sun and wind before attempting to rake down.

SOWING HARDY ANNUALS

Seeds of Hardy Annuals can be sown direct into the position in which the plants are to bloom; making both spring and autumn sowings, the best months being March and April—September and October, respectively, for most types. Prepare the positions thoroughly, sow the seed very thinly and cover with fine sandy soil. Many species, including such favorites as Mignonette, Clarkia, Godetia, Nigella, Schizanthus and many others, transplant readily, and an earlier supply of bloom may be obtained by sowing these subjects in boxes in gentle heat during early March, hardening the plants prior to transplanting to their flowering positions during April. The first mentioned is popularly supposed to be a difficult subject to transplant, but this will not be found to be the case if transplanting is firmly done when the soil is in a fairly moist condition; the plants should not be watered in, but may be freshened by spraying with a syringe, or fine rose can, should the weather prove dry and sunny.

SOWING HALF-HARDY ANNUALS

Such as Asters, Phlox Drummondii, Salpiglossis, etc., should be sown in boxes as pots on a mild-hot-bed during first or second weeks in April, and grown on steadily during the six or eight weeks that must elapse before it is safe to put them into their flowering quarters. The more tender types, usually grown for greenhouse decorations, such as, for instance, the Thunbergias, Celosias, Torencias, etc., should be sown in good time, say April at the latest, or the season will be far spent before they are in bloom.

HARDY BIENNIALS

Should be sown at an earlier date than is usually the case; much better plants can then be obtained and the wealth of bloom these will give in the spring will amply repay. A good general rule to adopt, and one that will provide a useful timely reminder, is to make a point of sowing seeds of Hardy Biennial plants for the following year's supply at the time the current year's plants are in full bloom.

HARDY PERENNIALS

Seeds of these should be sown during spring and early summer, and where the convenience exists it is a good plan to sow in pots or boxes in a cold frame, transplanting when large enough to handle into nursery beds until the autumn. Otherwise, the seed may be sown in the open ground, observing the precautions already advised as to conditions of soil, etc. Shading is important and the seed beds should be protected from full sun until the seedlings are well established.

DESCRIPTIVE CATALOGUE OF

Flower Seeds

SECTION 1

Perennial Flower Seeds

(ARRANGED ALPHABETICALLY)

	Hgt.	Price Pkt.
ACONITUM. Family: <i>Ranunculaceae</i> . Ordinary garden soil.		
Fisheri. Dark blue flowers in dense spikes in autumn.....	3	\$.15
Napellus Praecox. Rare. Deep blue, early flowering. 2 pkts. for 25c.....	3	.15
Wilsoni. Late. Very large porcelain blue in handsome spikes.....	4	.20
ANCHUSA. Family: <i>Boraginaceae</i> . Ordinary soil.		
Italica Dropmore. Lovely gentian blue flowers. Fine for the border.....	4	.15
Opal. A pale, beautiful shade of blue.....	4	.15
Myosotidiflora. Siberian forget-me-not Anchusa in April.....	1 ¼	.25
ALTHAEA. See Hollyhock.		
ALYSSUM. Family: <i>Cruciferae</i> . Light soil.		
Saxatile Compactum. Yellow in clusters; early. 3 pkts. for 25c.....	1	.10
Citrinum. Charming, masses of lemon-yellow flowers. Dwarf compact habit. Good for edging and rockery.....	½	.25
Serpillifolium. Smallest and loveliest of the Alyssum. Gray foliage and lemon-yellow flowers.....	½	.25
ANEMONE. Family: <i>Ranunculaceae</i> . Good garden soil.		
Pulsatilla (The Pasque flower). Violet spring flower; likes lime.....	1	.15
St. Brigid. Double and single Irish Creagh Castle strain. Finest mixture. 1/16 oz. 75c.....	1	.25
ANTHEMIS. Family: <i>Compositae</i> . Common soil.		
Tinctoria. Perry's variety. Beautiful golden yellow Marguerites.....	2	.25
ANTIRRHINUM. Family: <i>Scrophulariaceae</i> . Good ordinary soil.		
Majus. Tall Varieties.....	2 ½	.15
Princess Elizabeth. Soft shade of pink.		
Golden King. Improved yellow.		
Harmony. Rich terra-cotta pink, yellow center.		
Queen Victoria. Improved pure white.		
Pink Domino. A soft clear rose-pink.		
Monarch. Deep velvety crimson.		
Any of the above, 2 pkts. for 25c.....	2 ½	.15
Mixture of many of the best tall varieties. 3 pkts. 25c.....		.10
Nanum. Half Dwarf Varieties.....	1 ½	
Advance. Brilliant orange-scarlet, white throat.....		.15
Red Emperor. Rich deep scarlet.....		.15
Majestic "Sunset." Bright terra-cotta shading to rose.....		.15
Majestic "Orange King." A brilliant rich orange.....		.15
Twilight. Delicate apricot with old gold and salmon shading.....		.15
Dazzler. Dazzling bright scarlet.....		.15
MALMAISON. Novelty. See page 2 for description.		
Any of the above (except "Malmaison"), 2 pkts. for 25c.....	1 ½	.15
Mixture of many of the finest half-dwarf varieties. 3 pkts. 25c.....		.10
AQUILEGIA. Family: <i>Ranunculaceae</i> . Good garden soil; shade or half sun.		
Dobbie's Imperial Hybrids. Flowers in many new and delicate shades with extra long spurs. 2 pkts. 25c, ⅛ oz. 90c, 1/16 oz. 50c.....	2 ½	.15
Mrs. Scott Elliott's Long Spurred Hybrids. A very popular strain. 1/16 oz. 50c, ⅛ oz. 90c, 2 pkts. 25c.....	2 ½	.15
Caerulea. The true Rocky Mountain Wildling. Beautiful azure blue and white cup; very long spurs. Likes lots of moisture and shade. ¼ oz. \$1.20, ⅛ oz. 65c, 1/16 oz. 35c.....	2 ½	.15
Glandulosa Vera. The true blue Siberian Columbine. Beautiful blue and white flowers with recurving spurs. Fine for pot culture. Seeds require patience.....	1	.25
Hensol Harebell. An all vivid deep violet-blue; recurving spurs. 1/16 oz. 40c.....	2	.15
Unwin's Sweet-scented. Novelty. See page 5.		

AQUILEGIA—Continued.

	Hgt.	Price Pkt.
Pearson's Pink Shades. A true strain of coral-pink shades; extra long spurs. 1/16 oz. 50c.....	2½	.25
Crimson Star. Novelty. See page 5.		
Snow Queen. A tall long spurred pure white variety. 2 pkts. 25c.....	2½	.15
AUBRETIA or ROCK CRESS. Family: <i>Cruciferae</i> . Light soil.		
Hybrida Grandiflora. Large flowering hybrids of many shades. 2 pkts 25c	trlg	.15
Leichtlini. Large rosy-carmine flowers; fine variety.....	trlg	.25
Mrs. Lloyd Edwards. Beautiful crimson-purple.....	trlg	.25
CAMPANULA (Bellflowers). Ordinary garden soil.		
Carpatica. The lovely blue Carpathian Harebell. Good for rockery. 2 pkts. 25c.....	1	.15
Carpatica Alba. The white form of the above. 2 pkts. 25c.....	1	.15
Persicifolia "Fairy Queen." The lovely peach-leaved bellflower. Azure blue. 2 pkts. 25c.....	3	.15
Persicifolia "Telham Beauty." The largest bells of china blue.....	3	.20
Persicifolia Grandiflora Alba. Largest white flowers.....	3	.15
Persicifolia Fl. Pl. "Moerheimi." Very fine novelty. Large snow-white semi-double flowers 2 to 3 inches across.....	2	.25
Persicifolia Fl. Pl. "Pfitzeri." The double blue form.....	2	.25
Pyramidalis. The chimney bellflower. Blue. 2 pkts. 25c.....	3	.15
Pyramidalis Alba. The white variety. 2 pkts. 25c.....	3	.15
Rotundifolia. The lovely harebell of Scotland. Pale blue, slender and graceful.....	1	.15
Rotundifolia var. "Olympica." This delightful Harebell is of a beautiful deep lavender blue, borne on a plant of compact habit about 8 inches high, a hardy perennial plant, blooms in June and continues till August. Easy from seeds. Choice for the rockery or the border..	1	.25
Medium. Canterbury Bell. Single. Blue, white, deep lilac and rosy-carmine in separate colors. 2 pkts. 25c, all 4 colors 40c.....	2½	.15
Medium. Canterbury Bell. Double. In same colors as above. 3 for 60c..	2½	.25
Calycanthema. Cup and saucer type. Every garden should grow these handsome biennial flowers. Same colors as above. Separate. 2 pkts. 25c.....		.15
Canterbury Bells Pudor's Prize Mixture. Comprising all colors of single and double and cup and saucer. Unsurpassed. 1/16 oz. 25c.....		.10
CANDYTUFT. See <i>Iberis</i> .		
CANTERBURY BELLS. See <i>Campanula</i> .		
CARNATIONS. See <i>Dianthus</i> .		
CHEIRANTHUS. Family: <i>Cruciferae</i> . Mixed garden soil.		
Alpionii (Siberian Wallflower). Rich orange flowers, continuous flowering, sweetly scented. Sows itself. 3 pkts. 25c.....	1½	.10
Linifolius. The mauve Alpine wallflower. Free flowering. 3 pkts. 25c....	1	.10
CISTUS or ROCK ROSES. See <i>Helianthemum</i> .		
COREOPSIS. Family: <i>Compositae</i> . Ordinary soil.		
Lanceolata Fl. Pl. Semi-double deep yellow flowers, some single. 2 ¼ oz. 25c.....	2½	.10
Grandiflora Auriculata Superba. Fine novelty. Large yellow flowers with a dark red blotch in center. Award of merit Royal Horticultural Society. ¼ oz. 60c, ⅛ oz. 35c.....	3	.15
CYNOGLOSSUM NERVOSUM. See <i>Novelties</i> .		
DELPHINIUM. Family: <i>Ranunculaceae</i> . Rich soil with plenty of lime.		
Hybridum "Pudor's Prize Winner" strain. Tall, semi and double flowers in exquisite shades of blue, mauve, royal purple and plum, mostly in combinations of blue and pink. Plants are as mildew-proof as can be. Seedlings bloom in six months from seed sowing—absolutely. Sow in February or March, even in early April, and they will bloom handsomely during August, September and October. 1/16 oz. (3 times as much as one pkt.) \$1.50; 1 pkt. 200 seeds.....	6	1.00
Same from finest "pedigreed plants." Parents known to us for the last four or five years. 1/16 oz. \$2.50.....		1.50
Hybridum Pudor's "Dream." One of the finest and largest, over 3 inches. Seed all sold.		
Wrexham Strain of Watkins Samuel. Our own mixture of splendid selected hybrids in mixture. ⅛ oz. \$1.25.....	6	.50
Hybridum "Millicent Blackmore." Semi-double large blue and mauve flowers with black center. Award of merit. 1/16 oz. 75c.....	5	.50
Hybridum "General Sir Douglas Haig." Deep purple and blue; immense spike. Award of Merit. 1/16 oz. 75c.....	5	.50

	Hgt.	Price Pkt.
Hybridum "Nora Ferguson." A queen. Beautiful shade of pale blue blended with soft pink. 1/16 oz. \$1.00.....	5	.50
Hybridum "The Shah." Deep rosy-lavender, producing marvelously beautiful seedlings. 1/16 oz. \$1.00.....	6	.50
Hybridum Blackmore & Langdon New Novelty Mixture. A mixture of their finest named and unnamed new seedlings. 1/16 oz. \$1.25.....	6	.75
THE FINEST 1933 ENGLISH NOVELTIES BY BLACKMORE & LANGDON.		
Lady Eleanor. Sky blue, double flowers with light shades of pink, long shapely spikes, free flowering. Produces wonderful seedlings. 1/2 pkt.	6	1.00
Lady Janet. Deep rich blue, extra size and wonderful spike. Award of Merit from the British Delphinium Society. 1/2 pkt.....	6	1.00
Phyllis. A light pink semi-double, large flowers and a strong grower. Produces wonderful seedlings. Per packet 200 seeds.....	6	.50

NOTICE. Seedlings you will raise from any of the above Delphinium Hybrids will almost certainly vary. Some should equal the parent (they could hardly excel them) and none are likely to be poor.
1/16 oz. of Delphinium seed contains over 3 times as many seeds as one whole pack; approximately 700 seeds.

DON'T BE DISCOURAGED! DON'T GIVE UP!

If BLACK ROT or ROOT ROT kills your Tall Delphinium Hybrids — IF YOU LIVE IN TOO WARM A COUNTRY so Your Plants Die Annually — THEN GROW THE BEAUTIFUL BELLA DONNA DELPHINIUMS AND SUCCEED!

You want the beautiful blues in your garden, you want a graceful bushy plant that will provide you with lovely graceful cutting material for your house throughout the summer, plants that will live and thrive and are not too finicky, not growing out of bounds 6 to 8 feet tall, at the mercy of every windstorm, then, dear friend, grow the modern, beautiful BELLA DONNA HYBRIDS and don't turn them down. They ALWAYS come true to color, both from seeds and seedlings, ALWAYS that HEAVENLY BLUE AZURE color, that we all admire so in delphiniums. Easy to grow from seeds (never any failure) and easy to take care of in your garden afterwards. We offer seeds of the following sterling varieties:

Cliveden Beauty. A clear cambridge blue 1/16 oz. 40c, 2 pkts 25c, per pkt. 15c.

Fanny Stormonth. A brilliant light blue, prices the same.

Formosum. A rich cobalt blue with white centers. Prices the same.

Until March 20th we offer clumps of CLIVEDEN BEAUTY and FANNY STORMONTH at 25c and 40c each; 12 at the rate for ten. Either by express, charges collect or by mail, with 10% added to the price and 10c for special handling up to 2 pounds, 15c over.

We have not plants of the dark Formosum and no seedlings this spring, but will be pleased to take orders for seedlings for early FALL DELIVERY at these prices: Small seedlings 40c per doz., \$3.00 per 100 post paid. Larger advanced seedlings 75c per doz., post paid. \$5.00 per 100 by express, charges collect.

Montague, Mass.,
June 25, 1934

Dear Sirs:

Perhaps you remember sending me some time the first part of May some Delphinium seedlings from plants 55 and 66. These tiny seedlings were eleven days on the road, they came practically from coast to coast, and when they reached me they looked about like so much of nothing. There was no sign of green and it was almost impossible to tell them from the hard dry moss to which they had become attached. After disentangling them as best I could I laid them in a dish of water over night. Next morning I set them out in the bed which had been prepared and waiting for them.

Some of my friends laughed at me for setting out apparently lifeless plants, but the day following, every one of them had a green shoot and now they are strong, husky plants, not one lost. Of course I gave them careful attention, but I think it proves that your seedlings can be shipped successfully when very small, and for long distances.

I write thinking you might be interested in this experience.

Sincerely,

MRS. V. L. P.



Actual Size 3 Inches

YOU, too, can Grow

DELPHINIUMS

Just Like These

It isn't the climate,
It isn't the soil,
It isn't the fertilizer—
It's the STRAIN.

**Pudor's Pedigreed
PRIZE WINNER
STRAIN**

**Two New 1933
DELPHINIUM
SEEDLINGS**
Grown from Our
**"Pedigreed"
PRIZE WINNER
STRAIN**



Actual Size Over 3 Inches



WHITE DELPHINIUMS (Hoodacres). A new race of single and semi-double pure white flowers coming 75% true. Our seed is saved from the purest whites and best and most vigorous plants. We are offering it in two mixtures; each pack contains in the neighborhood of 200 seeds. Can be had in half packages. THE CHOICEST MIXTURE			Hgt.	Price Pkt.
.....			5	2.00
Second grade, but a very good general mixture.....				1.00
BELLA DONNA DELPHINIUMS. Best for cut flower purposes.				
Cliveden Beauty. Cambridge blue. 1/8 oz. 75c, 1/16 oz. 40, 2 pkts. 25c....			3	.15
Fanny Stormonth. Brilliant light blue, extra good. 1/8 oz. 75c, 1/16 oz. 40c, 2 pkts. 25c.....			3	.15
Formosum. Dark blue with white center in close spikes. 1/8 oz. 75c, 1/16 oz. 40c, 2 pkts. 25c.....			4	.15
SINENSE GRANDIFLORUM. Best treated as an Annual. Dwarf, valuable for edging and the rockery.				
Azure Fairy. Lovely clear Cambridge blue.....			1 1/2	
Tom Thumb Blue Gem. Large deep blue flowers. Fine bedder.....			1	
Cambridge Blue. New. Rich clear belladonna blue.....			2	
Any of the above, 1/4 oz. 40c, 2 pkts. 25c, per pkt.....				.15
SPECIAL: 3 pkts., one of each variety, 35c.				



PUDOR'S "WHITE WONDER" DELPHINIUM
Pure White; Actual Size 3 Inches

THE DAY OF REALLY GOOD PURE-WHITE DELPHINIUMS HAS ARRIVED

PUDOR'S WHITE WONDER STRAIN—A NEW RACE OF DELPHINIUMS

We are the fortunate possessor of a remarkable, tall pure-white semi-double delphinium, the grandsire of which was a seed from "Hoodacres" best white. After two years of careful selecting and re-selecting we are now growing seedlings that come 80% true to color and type, pure-white and all semi-double.

We will be able to offer seeds for sale from these particular plants the coming summer at \$2.50 per pkt. (not this spring). If you paid five or ten dollars per pkt., you couldn't get any better whites—at this stage of the white game.

As mentioned above, there will be some other colors than white amongst the seedlings you will raise from our white seeds, but don't scoff at these blues; more than likely some of them will show a remarkable break in blue delphiniums. Read on.

A STORY ABOUT DELPHINIUMS Nos. 55 and 66

Two extraordinary blue plants they are, indeed. Their parents was a white delphinium; the color of one is a pure "Mother of Pearl" color, the other one is an eerie blue, hard to describe—both exceedingly thrifty, healthy plants. From these two plants we raised about a thousand seedlings last year which thrived and bloomed amazingly. Every week they gave us new thrills and surprises. Many were in bloom the last week in October.

The prize of the whole lot was a white one, the largest, purest white semi-double we have seen anywhere, over 3 inches in diameter. See the photograph, truly a wonder, "Pudor's White Wonder."

But, there were many, many other fine double whites blooming among these seedlings of 55 and 66, the best of which we carefully selected and saved some seeds from. What this seed will bring forth, we cannot say; what percentage of whites or blues we do not know, but we are confident that they will produce some very fine whites and some remarkable new breaks in blues. We are offering a small lot of seeds for sale to interested parties at \$1.00 per pkt. of about 200 seeds. In ordering, please be particular to state "Your best white seeds from 55/66 seedlings."

Continued Next Page



*A Lovely New Seedling from Our "MOTHER OF PEARL"
Plant No. 66 as Parent. A beautiful all-cobalt blue. Note the
fluted and ruffled flower petals.*

Now further interesting facts about the "Blues" from 55/66 seedlings. First, all of them were semi- and full-double, which in itself is remarkable, as usually the best blue parents will produce many single ones. The size and color of the blossoms were extraordinary—some of the finest things we have ever raised and we have certainly grown some very fine delphiniums, our own strain and all of the best English named varieties. Many individual blooms were over 3 inches in diameter, some were fluted, some frilled, some were aster-shaped, many hooded, many had beautiful prominent brown and black bees and all were remarkably sturdy and healthy specimens, free from mildew. Many of these small seedlings bloomed twice: in July and August and again in October; and note, two or three were almost pure pink, no blue in it, two white ones had a "red" petal in them and two were of that strange "Mother of Pearl" color like one of the parents.

Now, here truly is a new race of delphiniums, a remarkable break. What the seeds from these seedlings will produce in the next generation or two no one can even guess, but surely something most interesting and novel, in fact the first generation of seedlings grown from these seeds are now blooming in our trial plat (October) and are showing some marvelous beauties and wonderful combinations of colors. We offer a fine mixture from the parent plants of these blue seedlings at \$1.50 per pkt. of about 200 seeds. 1/16 oz. (three times as much) for \$3.00. You will be thrilled with the seedlings which you will raise from these seeds. If sown by May first and well taken care of, transplanted as soon as big enough to handle they will bloom in September and October. ASK FOR SEED FROM THE BLUE 55/66 SEEDLINGS.

Seed from Mother of Pearl Plants (55/66). We have a small amount of seed of these remarkable plants that will produce some very remarkable breaks in blue delphiniums as well as some very fine pure whites, with a possible chance of getting some Mother of Pearl and violet shades. A very limited amount of seeds from these plants at \$2.00 per pkt., 1/2 pkt. \$1.00. We have no more seedlings as described and priced in our 1934 annual on page 14, for sale this coming spring.

READ IT

✎ GERMINATION OF DELPHINIUM SEEDS

The first plantings of Delphinium seeds invariably bring reports of failures and, usually, seed or soil are blamed. The illustration shows one of half a dozen seed boxes and seems to offer a worth-while method. The secret, if there be one, is merely first care. Delphinium seed **must** have low, steady temperatures from 10 to 15 days, with constant surface moisture, darkness and apparently company, for best results. The 6 varieties of seed shown could not have come so evenly save through planting methods. The soil used was leafmold and sand, with a little loam to stiffen it. Spraying with a mildew remedy was used to prevent damping off.

Not a single plant perished prior to transplanting. The box was filled within one inch of top, wetted thoroughly (lots of drainage was provided) then filled to brim and pressed evenly. The seed was sown in rows and merely pressed in to insure equal depth and covered with sifted leafmold and powdered sphagnum. An empty flat served as a cover when stood on the north side of a wall. The seedlings were up on the eleventh day, the cover being removed on the thirteenth day. The box was brought up to a lath frame on the eighteenth day and fully exposed on the twenty-fifth day.

This method enables one to note first evidence of damping off, permits soil stirring between rows and prompt detection note of slugs or sowbugs, besides permitting equal development of every plant. When sown broadcast in a large bed, none of these advantages exist. A few flats are enough for largest plantings. Pricked out when true leaves first appear, the roots are just beginning to branch and plantlets fall apart easily and never halt in growth. Sown broadcast, one cutworm, or one damping off spot may, before notice, ruin many plants. Never delay pricking out after true leaves appear.—(Vanderbilt.)

A flat of Prize Winner "Pedigreed" Delphinium Seedlings, containing over 500 plants, sown September 1 and photographed October 25. Seedlings will be planted in the open field in March and will bloom profusely during next September and October. What new surprises will they bring? The flats are wintered in a COLD greenhouse and the tops will freeze down completely.



September 14, 1934.

Dear Sirs:

Shipment of plants arrived September 10th. Plants were in excellent condition. They are beginning to grow already, and I am much pleased with them.

MRS. L. A. R.

Delphiniums and Manure

By Leon H. Leonian

Department of Plant Pathology, West Virginia University,
College of Agriculture

Commenting on the communication of J. W. Greenfield, which appeared in the July number of "Better Flowers," Mr. Barber states that incorporation of manure with soil may have been the cause of failure of Mr. Greenfield's delphiniums. May I offer my own experience with manure on delphiniums? Last year I applied 15 bushels of fresh chicken manure, consisting only of pure droppings, to an area of one-tenth of an acre. The manure was applied between the rows of young but well established plants, and was allowed to remain undisturbed right on the surface of the soil. The soluble matter of the manure was gradually washed into the soil under the action of rains, and the delphiniums began to grow most luxuriously.

Plants blooming for the first time formed flowering spikes of three and sometimes three and a half feet in length, with plants five feet tall. If there was any injurious effect, I failed to see it.

This year I tried a similar experiment on another field; to an area not larger than one-fourth of an acre I applied one huge truckful of fresh horse manure, six wagonloads of fresh chicken manure, in addition to 50 pounds of nitrophoska and 100 pounds of Acadian nitrate of soda. Despite the fact that the soil was sandy and this season has been one of the driest that I have known in this section of the country, my delphinium plants are doing beautifully; if there has been any ill effect resulting from such heavy applications of manure and concentrated fertilizers, I have not observed it.

It makes a big difference whether manure and fertilizers are applied to the surface of the soil or worked into the dirt.

ARE YOU USING TOO MUCH MANURE?

We are inclined to think that the increase of disease amongst flowering plants is due to the use of unbalanced manures, especially lack of potash. Plants receiving too much nitrogen produce soft growth, which fall a ready prey to disease organism.

HOW OFTEN DO YOU DIVIDE YOUR DELPHINIUMS?

One of the causes why some fail with these charming plants is permitting them to go on for years without any attempt being made to divide them, the result being that instead of strong, healthy spikes, and, consequently, fine blooms, the clumps get into a weak condition, owing to a conglomerated mass of thin and spindly shoots. It is only fair to say that a clump carrying five or six spikes is to be preferred to one with three times that number, as with the latter it is almost impossible for the center spike to get that light nutriment so necessary if strong flowering spikes are desired. It is therefore best with clumps carrying a large number of shoots to go over them early in the season and cut the weakest away, tying up those that are left to stakes, placing one to each shoot of the tall varieties. If staking is left until late in the season, the stakes are likely to be conspicuous, whereas, done early, the foliage hides the supports, and the risk of damage from rough winds is reduced.

Delphiniums may be raised from seed, or they may be increased by root division, the latter plan being the one oftenest adopted, inasmuch, as a rule, not many plants are needed in a garden. Clumps should be split up in autumn, or early spring, and the ground where it is intended to plant them should be well and deeply dug, some rotted manure being incorporated with the soil. It has to be said of these plants, too, that although the flowering season cannot be said to be a long one, they contribute much beauty to a garden.

	Hgt.	Price Pkt.
DIANTHUS. Family: <i>Caryophyllaceae</i> .		
Allwoodii Alpinus. Novelty. A valuable new hybrid, single and semi-double. Dwarf for rockery.....	¼-½	.25
Barbatus. Sweet William. Finest mixture. 3 pkts. for 25c.....	1½	.10
Barbatus, Pink Beauty. Beautiful shades from salmon pink to richest shades of salmon-red. 3 pkts. 25c.....	1½	.10
Barbatus, Scarlet Beauty. Vivid salmon-scarlet. 3 pkts. 25c.....	1½	.10
Sweet Wivelsfield. A cross between Allwoodii and Sweet William.....	1½	.15
Winteri. Novelty. See under Novelties.		
Carnations. Double Perpetual Chabaud (Enfant de Nice). Beautiful fully double flowers of best quality, deliciously scented, as large as greenhouse carnations. Bloom abundantly within 4 to 6 months.		
Fine Mixture. ⅛ oz. 70c, 1/16 oz. 40c.....	1½	.20
Legion of Honor. New. Color brick red. ⅛ oz. \$1.25, 1/16 oz. 65c.....		.25
Pink Beauty. ⅛ oz. \$1.25, 1/16 oz. 65c.....		.25
Ruby. New. Deep crimson. ⅛ oz. 90c, 1/16 oz. 50c.....		.20
Scarlet Firefly (McKinley). ⅛ oz. 90c, 1/16 oz. 50c.....		.20
Yellow Pure (Marie Chabaud). Very fine color. ⅛ oz. 90c, 1/16 oz. 50c..		.20
White (Jeanne Dionis). ⅛ oz. 85c, 1/16 oz. 45c.....		.15
DIGITALIS (Foxglove). Family: <i>Scrophulariaceae</i> . Ordinary soil; shade.		
Canariensis. Canary yellow.....	4	.25
Litz's Hybrids. Novelty. Salmon-pink shades. 1/16 oz. 35c, 2 pkts. 25c	4	.15
The Shirley. Magnificent strain, enormous flowers from pure white to deepest rose. Mixed. 2 pkts. 25c.....	5	.15
FLAX. See <i>Linum</i> .		
GAILLARDIA. Family: <i>Compositae</i> . Ordinary soil.		
Dazzler. Large yellow and red flowers, fine for cutting. 2 for 25c.....	2½	.15
Tangerine. New. Orange red. 2 for 25c.....	2½	.15
Burgundy. New. Coppery scarlet, self color. Very fine.....	2	.25
GEUM. Family: <i>Rosaceae</i> . Ordinary soil.		
Lady Stratheden. Rich golden yellow double flowers. 2 for 25c.....	2	.15
Mrs. Bradshaw. Large semi-double orange-scarlet. 2 for 25c.....	2	.15
Borisi. A rare new Geum. Single orange flowers of much charm. A lovely plant for the rockery. Seeds slow to germinate.....	1½	.25
GYPSOPHILA. Family: <i>Caryophyllaceae</i> . Ordinary soil with lime.		
Paniculata Fl. Pl. "Snow White." Easy to raise from seed, blooms the first year if sown early. Mostly double flowers. 1/16 oz. 50c.....	3	.25
Pacifica. A new pink Baby's Breath. See under Novelties.		
HELIANTHEMUM (Rock Rose). Family: <i>Cistaceae</i> . Dry sandy soil.		
Finest mixture of these indispensable rock plants. 2 pkts. 25c.....	1	.15
HESPERIS or SWEET ROCKET. Family: <i>Cruciferae</i> . Ordinary soil.		
White Sweet Rocket. Very fragrant; elegant for bouquets. 3 pkts. 25c..	3	.10
Pudor's Pink. A pure orchid-pink variety. Seeds scarce.....	3	.25
HEUCHERA. Family: <i>Saxifragaceae</i> . Good soil; likes shade.		
Hybrid Mixture. Extra fine delicate and brilliant shades. 1/16 oz. 75c....	1½	.20
Sanguinea Splendens. Brilliant vermilion red. Dwarf. 1/16 oz. \$1.....	1½	.25
HOLLYHOCKS. Family: <i>Malvaceae</i> . Rich loam.		
Newport Pink. Beautiful double pure pink flowers. ¼ oz. 50c, 2 pkts. 25c	5	.15
Double Yellow. Clear yellow. ¼ oz. 50c, 2 pkts. 25c.....	5	.15
English Prize Mixture (Chater's strain-extra). ¼ oz. 40c.....	5	.15
Single Mixture of beautiful colors, ¼ oz. 40c.....	6	.15
IBERIS (Candytuft). Family: <i>Cruciferae</i> . Common soil.		
Gibraltarica. Flowers white tinged lilac. 3 pkts. 25c.....	1	.10
Sempervirens. Pure white flowers, evergreen habit. A gem. ⅛ oz. 40c, 2 pkts. 25c.....	1	.15
IRIS, JAPANESE. Rich, damp soil.		
Kaempferi Hybrids. Choicest mixed varieties. ⅛ oz. 35c, ¼ oz. 60c, ½ oz. \$1.....	2	.15
LILIUM (Lily). Family: <i>Liliaceae</i> . Sand, peat and rich loam.		
Regale. Delicate white flushed pink. Easily grown from seed. 1 oz. \$1.50, ¼ oz. 50c.....	3½	.15
LINUM (Flax). Family: <i>Linaceae</i> . Good garden soil in the sun.		
Sibiricum. Common blue flax. A lovely thing. 3 pkts. 25c.....	2	.10
Narbonense. Beautiful steel-blue glistening large flowers. ⅛ oz. 60c....	2	.25
Flavum Compactum Nanum. New. Fine for the rockery. Glowing golden yellow flowers with deep green foliage.....	½	.25
Grandiflorum Rubrum (Scarlet Flax) is an Annual.		

	Hgt.	Price Pkt.
LUPINUS (Lupin). Family: Leguminosae. Rich soil with lime.		
A fine general mixture comprising all colors except yellow and apricot.		
1/4 oz. 50c.....	4	.15
Super Pink Mixture. Does not come quite true. 1/4 oz. 50c.....	4	.25
"Blue Beauty." Beautiful shades of blue. 1/4 oz. 40c.....	4	.15
"Apricot Shades." Very beautiful but hard to get even from pure apricot seeds. 1/4 oz. 75c.....	4	.25
"New Modern English Named Varieties" in art shades of amber, deep pink, orange, apricot, terra-cotta, ruby crimson, rosy-red. A magnificent collection. You have never seen anything like it. HIGHEST AWARD OF MERIT from the Royal Horticulture Society of England. SEEDS IN FINEST MIXTURE (not in separate colors)		
1/8 oz. 50c	4	.35
Arboreus (Tree Lupin). Yellow "Sunshine." Comes true from seed.....	5	.25
MECONOPSIS (Poppy-worts). Family: Papaveraceae. Shady, moist soil.		
Cambrica (Welsh Poppy). Pretty orange flowers. Indigenous.....	1	.15
MYOSOTIS (Forget-me-not). Family: Boraginaceae. Good moist soil.		
Sutton's Royal Blue. Rich dark blue on long stalks.....	1/2	.....
Palustris. The pretty swamp Forget-me-not. Blooms all summer.....	3/4	.....
Alpestris "Messidor." "Blue Eyes." A beautiful deep blue.		
Any of the above varieties, 1/16 oz. 35c, 1/8 oz. 50c, 1/4 oz. 75c.....		.15
Dissitiflora Grandiflora, "Perfection." Fine sky-blue, early flowering. The best for groundwork among your spring bulbs. 1/16 oz. 60c, 1/8 oz. \$1.....	1/2	.20
PAPAVER (Poppy). Family: Papaveraceae. Ordinary soil.		
Nudicaule (Iceland Poppy) "Sunbeam." Improved. See under Novelties.		
All the Iceland Poppies may be treated as annuals. They transplant well. Put them a foot apart—NOT CLOSER.		
Alpinum. Lovely dwarf rock plants in pink, white and yellow mixture....	1/2	.25
Orientele. "Queen Alexandra." Bright rosy-salmon. Lovely.....	3	.15
Orientele. "Mrs. John Harkness." Orange-apricot. Very fine.....	3	.15
Orientele. "Rembrandt." Magnificent orange-scarlet. Most gorgeous of all	3	.15
Orientele. "Excelsior Mixed." A very fine mixture ranging from delicate salmon to deep crimson and many other shades not known heretofore. 1/16 oz. 25c.....	3	.15
PENTSTEMON. Family: Scrophulariaceae. Ordinary soil in the sun.		
Gloxinoides, the English Garden Hybrids. Many-hued Gloxinia-like flowers. Half hardy. Needs protection in winter.....		.25
California Heterphyllus. Blue Gem or Blue Bedder. A superb garden plant with gentian-blue flowers tinted pink. 1/8 oz. 50c, 2 pkts. 25c..	1	.15
PHYSALIS (Japanese Lantern Plant). Family: Solanaceae.		
Francheti. Decorative plant with fruits of orange-vermilion. 1/2 oz. 50c, 1/4 oz. 35c.....	2	.15
PINKS. See Dianthus.		
POPPY. See Papaver.		
SCABIOSA. Family: Dipsaceae. Good garden loam.		
Caucasica. Isaac's House's strain. New hybrids of huge size and beautiful soft lavender, blue and lilac shades. A cut flower par excellence. Blooms throughout the whole summer until cut down by freezes. 1/16 oz. 50c, 2 pkts. 35c.....	2	.20
SHASTA DAISY. Family: Compositea. Ordinary soil.		
Diener's New Giant Double White. Like a giant aster. Five inches in diameter on long stiff stems. 1/16 oz. \$1.50.....	3	.25
Mrs. C. Lowthian Bell. Purest white, 6 inches across on long stems, continues to bloom until October. 1/8 oz. 50c.....	2 1/2	.15
Floradale Daisy. Immense double white, curved loose petals. 1/16 oz. 35c	2 1/2	.15
STATICE (Sea Lavender). Family: Plumbaginaceae. Sandy soil.		
Latifolia. Lavender blue flowers in large heads. 2 pkts. 25c.....	1 1/2	.15
THALICTRUM (Meadowrue). Family: Ranunculaceae. Ordinary garden soil.		
Adiantifolium. Foliage like a maidenhair fern; flowers small.....	1	.15
Aquilegifolium. Beautiful cut foliage; large branches of feathery flowers in pink or white; mixed.....	3	.15
Dipterocarpum. Great beauty, lovely mauve flowers in large panicles; poor soil	3	.20



SHOWING THE DIFFERENT TYPES OF OUR PYRETHRUMS

	Hgt.	Price Pkt.
PYRETHRUM (Painted or Persian Daisy). Family: Compositae. Ordinary soil.		
Roseum Flore Pleno. From best double-flowered varieties in mixture. 1/16 oz. 50c, 1/8 oz. \$1.....	2	.25
Roseum Hybrids. Finest mixed single flowering varieties. 1/8 oz. 50c, 2 pkts. 25c.....	2	.15
THERMOPSIS . Family: Leguminosae. Ordinary soil.		
Caroliniana. Tall with long spikes of bright yellow pea-like flowers. Seeds germinate slowly and unevenly. 1/16 oz. 40c.....	5	.20

TROLLIUS. Family: Ranunculaceae. Rich soil; not too dry.			Price
Ledebouri "Golden Queen." A very fine novelty. See under Novelties.	Hgt.	Pkt.	
VIOLAS. Family: Violaceae. Good garden loam. Not sandy, or hot.			
Apricot. A charming color; comes true from seed; extra fine. 1/16 oz. 60c, 1/8 oz. \$1.00.....	1/2		.25
Arkwright Ruby. Very fine novelty. See under Novelties. 1/16 oz. \$1.00.....	1/2		.35
Haslemere. Beautiful shade of lilac-pink. 1/16 oz. 60c.....	1/2		.25
Jersey Jewel. Deep violet color; large blossoms on long stems. 1/16 oz. 40c, 1/8 oz. 75c.....	1/2		.15
Yellow Queen. A beautiful clear golden yellow. 1/16 oz. 50c.....	1/2		.15
Primrose Perfection. A large flowered "primrose" color. Very fine novelty.....	1/2		.25
Viola Rose Queen. Large lilac to rosy-lilac flowers; a wonderful bloomer, forming large upright growing clumps; always greatly admired in our garden. Seeds, 2 pkts. 25c.....			.15
WAHLENBERGIA. Family: Campanulaceae. Good soil and grit.			
Platycodon, Tufted Harebell. Large blue flowers; good for the rockery..	1 1/2		.15
Platycodon, Tufted White Harebell. Some faint blue.....	1 1/2		.15
NOTICE—ALL FLOWER SEEDS ARE SENT POSTPAID.			

FRESH HARDY PERENNIAL SEEDS FOR THE ROCKERY

AETHIONEMA PULCHELLUM (Lebanon Candytuft). Prostrate habit; rose flowers	1/2		.25
CAMPANULA ROTUNDIFOLIA. Blue bells of Scotland.....	1		.15
CHEIRANTHUS LINIFOLIUM. The mauve Alpine wallflowers. Hardy biennial	1		.15
DIANTHUS CAESIUS. The true Cheddar pink; clear rose. A charming plant	1/2		.15
DIANTHUS SUPERBUS (Major Stearns Variety). Deep crimson, dark foliage	1/2		.15
ALPINE POPPY. A charming tiny poppy, fringed flowers in white, apricot, yellow, etc. Invaluable for the rockery.....	1/2		.25
ALYSSUM CITRINUM. Masses of lemon-yellow flowers; dwarf, compact habit	1/2		.25
ALYSSUM SERPYLLIFOLIUM. Clear lemon-yellow flowers; dwarfish habit	1/4		.20
HYPERICUM POLYPHYLLUM. A glorious St. Johns Wort; large, bright yellow flowers; a sheet of yellow during June and July. This St. Johns Wort will never become a nuisance in your rockery.....	1/4		.15

ANNUALS FOR THE ROCK GARDEN — WHY NOT? 🌸



Godetia "Sweetheart"

Do not annuals grow in Nature's great Alpine nurseries to charm the scene with their beauty? *Phacelia Campanularia*, *Anagallis Phillipsii* (Blue Gem), the Italian Pimpernel is a thing of glory. Annual *Campunula Loreyi*. That little California gem *Leptosiphon* has been aptly named **Jewel Flower**. A well grown and properly thinned patch is an addition to any rockery. The dwarf *Ionopsidium acaule*.

***Phacelia Campanularia*.** The best, and bluest of all blue-flowered annuals. An indefatigable bloomer producing a marvelous crop over a long period of big bell-shaped blossoms of a blue as pure and dazzling as any gentian. If the twelve inch tall plants are thinned to nine inches apart they will form a solid sheet of glorious color throughout the summer, and the seed is so cheap. See page 30.

SECTION 2

Annual Flower Seeds

ALL FLOWER SEEDS SENT POSTPAID

PLEASE DO NOTE!

As only such seeds as germinate well in our own establishment are supplied to customers, we will not and cannot accept responsibility for failure in the hands of others whose management, lack of equipment or lack of knowledge, may unconsciously be the cause of non-success.

	Hgt.	Price Pkt.
ALYSSUM. Family: <i>Cruciferae</i> . Sun and light soil.		
Little Gem. Dwarf, compact habit; mass of bloom all summer. $\frac{1}{4}$ oz. 25c, $\frac{1}{2}$ oz. 40c.....	$\frac{1}{4}$	\$.10
Lilac Queen. Pale lilac of dwarf habit. $\frac{1}{4}$ oz. 25c, $\frac{1}{2}$ oz. 40c.....	$\frac{1}{4}$	.10
Sweet Maritimum White. Delightfully fragrant, masses of flowers. $\frac{1}{4}$ oz. 25c, $\frac{1}{2}$ oz. 40c.....	$\frac{1}{4}$	.10
Alyssum Carpet of Snow (procumbens), 2 inches. $\frac{1}{4}$ oz. 25c, per pkt.....		.10
ANAGALLIS (Pimpernel). Family: <i>Primulaceae</i> . Ordinary soil; sun.		
Phillipsii. Deep blue, extremely showy. $\frac{1}{4}$ oz. 30c.....	$\frac{1}{2}$	.10
Mixture. Beautiful rich colors; lovely for edging. $\frac{1}{4}$ oz. 30c.....	$\frac{1}{2}$	.10
ASTER. Family: <i>Compositae</i> . Rich soil; sun.		
California Sunshine. Lovely colors on long stout stems. Mixture. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c.....	2	.15
California Giant Asters. The finest of all Asters. Like a big Chrysanthemum. 6 inches across, long stems. Colors: white, peach blossom, light blue, deep rose, dark purple. $\frac{1}{4}$ oz. 95c, $\frac{1}{8}$ oz. 50c, any three colors 50c per pkg.....	2 $\frac{1}{2}$	.20
California Giant Asters. In best MIXTURE. $\frac{1}{4}$ oz. 75c, $\frac{1}{8}$ oz. 45c, per pkt. ....		.15
Los Angeles. A glorious double, shell pink aster. A novelty described on page 2. $\frac{1}{16}$ oz. 35c.....	2 $\frac{1}{2}$	.25
ANCHUSA. Family: <i>Boraginaceae</i> . Ordinary soil.		
Sutton's Annual "Blue Bird." Dwarf habit, compact growth; purest blue. $\frac{1}{4}$ oz. 40c.....	1	.15
BARTONIA. Family: <i>Loasaceae</i> . Sandy soil and sun.		
Aurealis. Brilliant glistening yellow flowers on long stems. $\frac{1}{4}$ oz. 25c....	1 $\frac{1}{2}$	.10
CALENDULA (Marigold). Family: <i>Compositae</i> . Good garden soil; sun.		
Art Shades. Novelty. See under. $\frac{1}{8}$ oz. 50c.....	2	.20
Ball's Orange. Double orange globular flowers. $\frac{1}{4}$ oz. 75c, $\frac{1}{8}$ oz. 40c....	2	.20
Campfire (Sensation). Double brilliant orange with red sheen. Extra large flowered and long stemmed. $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 85c, $\frac{1}{2}$ oz. \$1.50	2	.20
Chrysantha. See under 1934 novelties. $\frac{1}{4}$ oz. 25c.....	2	.15
Radio. Beautifully quilled petals; deep orange. $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25.....	2	.20
Sun Gleam. An English novelty. Large, very double golden orange flowers with a small black center. $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.00	2	.15
Chrysantha. Finest Novelty of the year. See under.		
CAMPANULA. Family: <i>Campanulaceae</i> . Ordinary garden soil. Sun.		
Loreyi. Tuft of leaves with lovely pale blue flowers, shaded violet. A very desirable annual for the rockery. $\frac{1}{16}$ oz. 40c.....	1	.15
CANDYTUFT. Family: <i>Cruciferae</i> . Ordinary soil; sun.		
Rose Cardinal. Brilliant deep rosy-red. $\frac{1}{4}$ oz. 25c.....	$\frac{1}{2}$	.10
Umbellata Hybrida Nana. Dwarf group; fine mixture of colors. $\frac{1}{4}$ oz. 25c	$\frac{1}{2}$	.10
Umbellata Varieties. Tall in fine mixture. $\frac{1}{4}$ oz. 25c.....	1	.10
"White Empress." Giant hyacinth flowered with enormous trusses. $\frac{1}{2}$ oz. 40c, $\frac{1}{4}$ oz. 25c.....	$\frac{1}{2}$	.10
Perennial Candytuft. See <i>Iberis</i> .		
CARNATION. See <i>Dianthus</i> .		
CANTERBURY BELLS. New annuals. See under <i>Novelties</i> .		
CLARKIA. Family: <i>Onagraceae</i> . Ordinary soil, not too rich. Sun.		
Tall Varieties with flowers in long loose sprays.....	2	.....
Ruby King. Brilliant rich ruby red. An indispensable variety for the garden. $\frac{1}{8}$ oz. 25c.....	2	.10
Salmon Queen. A beautiful salmon pink. $\frac{1}{8}$ oz. 25c.....	2	.10
Scarlet Queen (New). Fine double, brilliant salmon-orange-scarlet; a most striking color. $\frac{1}{4}$ oz. 50c, $\frac{1}{8}$ oz. 25c.....	2	.10
English Brilliant Mixture. A selection of the finest double varieties. $\frac{1}{8}$ oz. 15c, $\frac{1}{4}$ oz. 25c.....		.10



CLARKIA

FLOWERS IN LONG LOOSE SPRAYS

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are excellent for cut flowers; they do well either in sun or shade, growing 2 to 2½ feet high, with leaf racemes of double flowers, which all open in water when cut.

	Hgt.	Price Pkt.
May Blossom. Flowers double, bright rose pink. 1/16 oz. 25c.....	2½	.15
Illumination. Flowers double, bright rose-salmon. 1/16 oz. 25c.....	2½	.15
Glorious. Brilliant crimson-scarlet novelty 1934.....	2½	.20
Enchantress (Novelty). The finest salmon-pink Clarkia, very large, very double and fine for bedding or cutting. 1/16 oz. 25c, pkt.....		.15
Firebrand (Novelty). A new color in Clarkias of extraordinary brilliance, a vivid copper-scarlet, exceedingly effective. 1/16 oz. 25c, pkt. ....		.15
CHRYSANTHEMUM INODORUM (Bridal Robe). Beautiful variety for bedding and cutting. Extremely double pure white flowers. Hardy annual. Thin to one foot apart. 1/16 oz. 25c.....	¾	.10
COSMOS. Family: Compositae. Light soil; sun.		
New Double Crested Early Flowering Hybrids. June to October. Can be had in separate colors: crimson, pink, white or mixed. ⅓ oz. 45c	3	.20
Extra Early Single Mammoth Flowering. Valuable in cooler sections with a short growing season, where the late Cosmos never blooms. Can be had in separate colors: crimson, pink, white or mixed. ½ oz. 40c, ¼ oz. 25c.....	3	.10
Klondyke Orange Flare. Described under novelties. Early flowering with lovely orange flowers.....	4	.15
CYNOGLOSSUM (Hound's Tongue). Family: Boraginaceae. Poor soil.		
Amabile. A mass of bright blue flowers. ¼ oz. 40c.....	2	.15
Amabile Pink. A lovely rich pink. ⅓ oz. 40c, 2 pkts. 25c.....	1	.15
DELPHINIUM CHINENSE. See under Perennials.		
DIMORPHOTHECA (Star of the Veldt). Family: Compositae. Good soil; sun.		
Aurantiaea Hybrids. A very showy, free flowering brilliant daisy. ¼ oz. 40c, 3 pkts. 25c.....	1	.10
ESCHSCHOLTZIA (California Poppy). Family: Papaveraceae. Ordinary soil; sun.		
Enchantress. An exquisite double rosy-carmine, like a rose bud, very free flowering. ¼ oz. 35c.....	1	.15

*Double California Poppy "Buttercup"*

	Hgt.	Price Pkt.
The Geisha. Outside orange-crimson, inside deep golden yellow.....	1	.15
Mikado. Intense crimson scarlet. ¼ oz. 50c, ⅛ oz. 30c.....	1	.15
Double Carmine Queen. Vivid crimson-carmine; very fine. ¼ oz. 35c....	1	.15
Dazzler. A true flame scarlet; large flowers. Extra fine. ¼ oz. 35c.....	1	.15
Double "Buttercup." New. Beautifully fluted double deep butter-yel- low; very fine. ¼ oz. 50c.....	1	.25
Special Mixture, including all the new shades, except "Buttercup." 1 oz. 75c, ½ oz. 40c, ¼ oz. 25c.....		.15
Tenuifolium or Miniature "Primrose." Height 6 to 8 inches. Of dwarf bushy habit and exceedingly free flowering. This bright little primrose-yellow ESCHSCHOLTZIA will be found exceedingly use- ful for edging and charming in the rockery. Flowers are much smaller than the ordinary type. This is a real floral gem. Seeds: 1/16 oz. 25c, per pkt.....		.15
FLAX-LINUM. Family: Linaceae. Ordinary soil; sun.		
Grandiflorum: Carmine Flax. An appealing real carmine, blooming con- tinually. ¼ oz. 25c.....	1	.10
FORGET-ME-NOT. See Myosotis. Perennial.		
GODETIA. Family: Onagrace. Ordinary soil in the sun. Tall varieties with flowers in long loose sprays. Height 18 inches to 2 feet.		
Cherry Red. Fl. Pl. Fine rich color.		
Rosy Morn. Fl. Pl. A lovely coral pink; very double flowers.		
Kermesina Fl. Pl. A beautiful, showy variety. Double, bright crimson.		
Lavender Gem. Distinct type, clear lavender about 18 inches high.		
Rich Pink Fl. Pl. A beautiful color.		
Seeds of any of the above ⅛ oz. 40c, 1/16 oz. 25c, per pkt.....	2	.15
Mixed Seeds of the Above and other tall double, ⅛ oz. 25c.....		.10
Dwarf Double Sorts. 9 to 10 inches high.		
Sweetheart. Like a pink Azalea. Scintillating flowers of the brightest pink. ⅛ oz. 75c, 1/16 oz. (3 times as much as a pkt.) 40c.....	1	.20
Crimson Glow. Intense dazzling crimson; dwarf, compact bushes. ¼ oz. 25c.....	1	.10
Sybil Sherwood. Novelty. See under. Very, very fine. 1/16 oz. 50c.....	1	.25
GYPSOPHILA (Baby's Breath). Family: Caryophyllaceae. Common soil; limed.		
Elegans. Grandiflora "Covent Garden." Pure white. 1 oz. 35c, ½ oz. 20c.....	1	.10
Elegans "Carmine Rose." A charming variety. 1 oz. 35c, ½ oz. 20c.....	1	.10
Muralis. A dwarf with lovely small rose colored flowers. 3 pkts. 25c....	½	.10

	Hgt.	Price Pkt.
HELIOPHILA (Blue Fairy of the Veldt). Family: Cruciferae. Sun.		
Linearifolia. Beautiful specimen from South Africa. Long racemens of clear blue flowers; very floriferous; 10 inches apart.....	¾	.25
IBERIS. See Candytuft.		
IONOPSIDIUM (Violet Cress). Family: Crucifereae. Light soil. Shady.		
Acaule. A miniature plant, white tinged with violet; lovely in the rock- ery or in beds with other taller plants. 1/16 oz. 25c.....	¼	.15
LACE FLOWER (Didiscus). Sow the seeds where they are to flower. 2 pkts. 25c	3	.15
LARKSPUR. Family: Ranunculaceae. Good garden soil; plenty of room.		
Giant Imperial. Tall, upright.....	4-5	.....
Blue Spire. Intense deep Oxford blue.		
Blue Bell. Deeper than sky-blue. See under 1935 novelties.....	4	.15
Carmine King. Deep carmine rose.		



A SINGLE SPECIMEN PLANT OF ANNUAL LARKSPUR
Upright or Delphinium Type

LARKSPUR—Continued

	Hgt.	Price Pkt
Miss California. Deep pink, shaded salmon.		
Peach Blossom (New). Beautiful light pink.		
White Spire. Dazzling pure white.		
Seeds of any of the above named varieties: $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, per pkt.....		.15
Giant Imperial Mixed. A well balanced mixture of all the colors. $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 50c, 1 oz. 85c, per pkt.....		.15

LARKSPUR. Tall branching double stock, flowered. Four feet.Azure Blue (*Ageratum* blue).

La France. Pleasing salmon pink.

Rosy Scarlet. Sky Blue.

Seeds of any of the above four stock flowered varieties: $\frac{1}{4}$ oz.
25c, $\frac{1}{2}$ oz. 40c, 1 oz. 70c.....

Rosamond. An all-American Gold Medal selection in 1934. Pure bright
rose. More fully described under 1935 novelties..... 4 .25

Double Stock-Flowered Mixed. 1 oz. 60c, $\frac{1}{2}$ oz. 35c, $\frac{1}{4}$ oz. 20c..... 4 .10

LEPTOSYPHON. Family: *Polemoniaceae*. Ordinary garden soil.

Hybridum Mixed. Lovely French Phlox-worts. Don't miss these. Three
pkts. 25c..... $\frac{1}{2}$.10

Roseus. Beautiful species. Flowers deep rose. 2 pkts. 25c..... $\frac{1}{2}$.15

LEPTOSYNE (Yellow Daisy). Family: *Compositae*. Light soil; sun.

Stillmanni. Pure golden yellow; long stems for cutting. 3 pkts. 25c..... $1\frac{1}{2}$.10

Maritima. Bright orange yellow, feathery foliage. 3 pkts. 25c..... $1\frac{1}{2}$.10

LIMNANTHES. Family: *Polemoniaceae*.

Douglasii. White and yellow cream cup. A charming flower and a
pretty plant. $\frac{1}{8}$ oz. 25c..... $\frac{1}{4}$.15

LINARIA MAROCCANA. "Fairy Bouquet." Large flowers with a variety
of distinct colors in rose, yellow, pink, lavender, carmen, white,
and salmon. A lovely plant for the border or the rockery. 2 for 25c $\frac{1}{4}$.15

L. Maroccana Hybrids. Miniature snapdragon appearance. Easy cul-
ture and quickness to bloom. Somewhat taller than "Fairy Bou-
quet" 2 pkts. 25c..... $\frac{1}{2}$.15

L. Macedonica Speciosa (Perennial snapdragon). Golden yellow. 2 pkts.
for 25c..... $2\frac{1}{2}$.15

LOBELIA. Family: *Campanulaceae*. Sunny location.

Cambridge Blue. A fine edging plant or for baskets..... $\frac{1}{4}$.20

Gracilis. Light blue; fine for border effects, especially if sown with
white annual *Allysum*. $\frac{1}{4}$ oz. 85c, $\frac{1}{8}$ oz. 50c, 3 pkts. 25c..... $\frac{1}{2}$.10

MARIGOLD-TAGETES. Family: *Compositae*. Good garden loam; sun.

Guinea Gold. Fine Novelty. See under Novelties. $\frac{1}{8}$ oz. 40c, 2 pkts. 25c $2\frac{1}{2}$.15

Orange Prince. Large deep orange flowers; 5 inches in diameter.
 $\frac{1}{8}$ oz. 25c..... $1\frac{1}{2}$.10

French Dwarf. Double; dark rich and golden colors, spotted and striped.
Finest mixed, $\frac{1}{8}$ oz. 25c..... 1 .10

Pumila Little Giant. A neat, dwarf, really compact strain. The highest
development yet attained of this pretty little marigold, with golden
orange flowers on plants only 4 to 6 inches high. Seeds. $\frac{1}{8}$ oz. 25c.. $\frac{1}{2}$.15

MYOSOTIS (Forget-Me-Nots). See under *Perennials*.**NASTURTIUMS.** Family: *Tropaeolaceae*. Good soil; sun. Tall or trailing.

Jupiter. Golden yellow.

Spitfire (Lovely Spitfire). A brilliant glowing scarlet.

Twilight. Delicate salmon.

Madame Gunther's Hybrids. A mixture of brilliant colors.

Any of the above: 1 oz. 20c, 4 ozs. ($\frac{1}{4}$ lb.) 50c, 1 lb. \$1.40..... clbg .10

Tom Thumb. One-half foot high.

Empress of India. A border 150 yards in length was smothered with
its deeply crimson flowers. Leaves are dark. Certainly an outstand-
ing Tom Thumb variety.

Aurora. Apricot, very beautiful.

Golden King. Deep golden yellow.

Cloth of Gold. Golden foilage with brilliant scarlet flowers.

Prices of seeds of any of the above—NOT IN MIXTURE—1 oz. 35c $\frac{1}{2}$.10

Best mixture, 1 oz. 25c..... .10

"Golden Gleam." The sensational novelty of 1932 which took like wild-
fire all over the world. A double, sweet-scented golden yellow Nas-
turtium. A most lovely cut flower subject and a bright spot in
the garden. Price greatly reduced. 1 oz. 25c..... .15

Double Scarlet Gleam, and Double Gleam Hybrids. The sensational
novelty for 1935 fully described in the front pages of this catalog.

	Hgt.	Price Pkt.
NEMESIA. Family: <i>Scrophulariaceae</i> . Light soil; sun.		
Sutton's. Large flowered in beautiful colors. 2 pkts. 25c.....	1	.15
Hybridum "Blue Gem." Like a lovely forget-me-not, lovely border or pot plant. 2 pkts. 25c.....	1/2	.15
You miss a lot if you don't grow Nemesis.		
NEMOPHILA. Family: <i>Hydrophyllaceae</i> . Common soil. Prefers damp and shade.		
Insignis (Baby Blue Eye). A lovely low growing hardy annual. 1/2 oz. 50c, 1/4 oz. 30c.....	1/2	.10
Finest Mixed Varieties. 1 oz. 75c, 1/2 oz. 40c, 1/4 oz. 25c.		
PANSY. Family: <i>Violaceae</i> . Rich soil.		
Triumph of the Giants. This German strain is hard to beat. 1/16 oz. \$1	1/2	.40
Giant Swiss Roggli's. A new sensational strain.		
Roggli's Giants "Aurea Pura." The largest yellow pansy ever grown.		
Roggli's Giants "Thuner Sea Blue." By far the largest and most mag- nificent of all blue Giant Pansies.		
Roggli's Giants "Alpengluehn." Garnet red, a wonderful bright red novelty; the beauty and brilliancy of this color being of an entirely new tone; flowers are of enormous size.		
Roggli's Novelty "Berna." Bright dark violet of velvety texture of enchanted beauty. Giant flowers 4 to 5 inches in diameter with strong, long stems.		
Seeds of any of the above novelties: 1/2 pkt. 30c, 1/16 oz. \$1.00....		.50
Roggli's Giant Mixture contains the above colors, except the Novelty "Berna," as well as a number of other unusual varieties of enorm- ous size of this strain. Prices same as above.		
Giant Odier. Five spotted golden-yellow. Flowers extra large, perfectly round and exceedingly attractive. The most beautiful of all yellow pansies. 1/16 oz. 60c.....		.25
PETUNIAS. Family: <i>Solanaceae</i> . Rich soil; sun.		
Balcony Petunias. Mixed; very attractive.....	1/2	.25
Balcony Petunias "Rosy Morn." Rosy-pink. 1/16 oz. 25c.....	1/2	.10
Balcony Petunias "Violet Queen." Pure deep violet. 1/16 oz. 50c.....	1/2	.20
Feltham Beauty (nana compacta). A great variety of color, ranging from white to deepest rose. Some double. 1/16 oz. 75c.....	1	.25
Pink Gem. Novelty, dwarf, compact, bushy miniature petunia. Only 6 or 8 inches high covered with blooms in tints of pink, especially fine for window boxes or the rock garden.....	1/2	.25
PHACELIA. Family: <i>Hydrophyllaceae</i> . Light soil in the sun.		
Campanularia. Most beautiful deep blue flowers like a gentian. 1/4 oz. 35c, 2 pkts. 25c.....	1/2	.15
PINKS. See <i>Dianthus</i> .		
POPPY. Annuals.		
Begonia Flowered. See under Novelties.		
"The Fairy" Poppy. See under Novelties.		
"The Dazzler." See under Novelties.		
"The Cardinal." Giant double salmon-pink in large round heads.....	2-3	.15
SALPIGLOSSIS. Family: <i>Solanaceae</i> . Light soil.		
Sutton's Large Flowered Chelsea Hybrids. Gold veined; velvety-red, Rich purple, all mixed. 1/16 oz. 40c, 2 pkts. 25c.....	2 1/2	.15
SCHIZANTHUS. Family: <i>Scrophulariaceae</i> . Good soil in the sun.		
Dr. Badger's Hybrids Giant Strain. Many beautiful shades. Grow this delightful annual, it will please you much. 1/16 oz. 40c.....	1	.25
SWEET WILLIAM. See <i>Dianthus</i> .		
URSINIA. Family: <i>Compositae</i> . Sandy soil; sun.		
Anethoides (The Jewel of the Veldt). Brilliant orange colored delight- ful plants. 1/16 oz. 40c.....	1	.20
VENIDIUM. Family: <i>Compositae</i> . Sandy soil.		
Fastuosum. A newcomer from South Africa, and one of the most out- standing new annuals. Brilliant orange flowers 3 inches across with dark center and black-purple zone; soft gray woolly leaves. An unusually showy plant. 1/16 oz. 90c.....	2 1/2	.35
VERBENAS—NEW GIANTS. Family: <i>Verbenaceae</i> . Good garden soil. A glorious new type of Verbenas. The individual blooms measure over an inch in diameter and the plants grow about 12 inches high. Fine for borders, beds, the rock garden or porch boxes, blooming profusely from mid-summer until October.		
Etna. Bright scarlet (geranium red) with cream-yellow eye.		
Lavender Glory. Novelty. Beautiful pure lavender fragrant flowers.		
Luminosa. Flamepink, shading to salmon. Very lovely.		

Royale. An intense deep royal blue with cream-yellow eye.			Price
Rosea Stellata. Beautiful rose-pink shades with white eye; lovely.	Hgt.		Pkt.
Seeds of any of the above: ¼ oz. \$1.00, ⅛ oz. 55c, 1/16 oz. 30c.....			.20
Giant Verbenas Best Mixture. ½ oz. \$1.50, ¼ oz. 85c, ⅛ oz. 50c, 1/16 oz. 30c.....	1		.15
VISCARIA. Family: Caryophyllaceae. Ordinary soil; sun.			
Tom Thumb Rosy Gem. Beautiful variety, rose-carmine flowers.....	½		.25
Tom Thumb Blue Gem. Charming plant with bright blue flowers.....	½		.25
Mixed Varieties. Many pretty colors. ⅛ oz. 25c.....	½		.10
VIRGINIAN STOCK (Malcomia). Family: Cruciferae. Ordinary soil; sun.			
Maritima. These charming annuals for edgings and beds should be better known. Crimson King, bright red flowers. ½ oz. 35c.....	½		.15
Mixed Varieties, most charming effect. ½ oz. 25c.....	½		.10
ZINNIA. Family: Compositae. Rich soil in the sun.			
California Giant Dahlia Flowered. The finest of all strains.....	2½		.....
Luminosa. This is an entirely new shade of Zinnias; a charming shade of bright deep pink with a light suffusion of salmon.....			.20
Desert Gold. Gold and deep yellow. Described under novelties. ¼ oz. \$1.25, ⅛ oz. 65c.....			.25
Exquisite. Truly dahlia-flowered as regards form and size. A light rose with center a deep rose. Still the leader in the entire collection.....			.20
Fantasy Mixed. New Chrysanthemum-like zinnias. A bright, colorful mixture of shaggy petaled medium sized double flowers. Excellent for cutting. ¼ oz. \$1.25, ⅛ oz. 65c, 1/16 oz. 35c.....			.25
Golden Dawn. This beautiful shade of golden yellow comes true to color. A new valuable addition to the collection of Gold Medal Dahlia Flowered Zinnias.....			.20
Old Gold. Its name describes the color very adequately. The flowers are of immense size, possibly the largest of all dahlia flowered Zinnias. We recommend this variety to all who wish to compete for exhibitions; a small percentage of flower do not come true to color.....			.20
Crimson Monarch. The largest and best of the red shades. Flowers often eight inches in diameter. Very vigorous; a marvelous production of greatest merit.....			.20
Oriole. An immense orange and gold bi-color, worthy of the beautiful bird after which it is named.....			.20
Meteor. A rich, glowing, deep red and the darkest of all the red shades. Fine form, with good depth of petal.....			.20
Any 3 for 50c; the 6 named varieties for 90c. Each variety: ¼ oz. 50c, ½ oz. 85c, 1 oz. \$1.50.			
Special Gold Medal Mixture. A well-blended mixture containing all the above novelties and several other equally beautiful novelties. 2 pkts. for 25c, ¼ oz. 50c, ½ oz. 80c, 1 oz. \$1.50.....			.15
Lilliput or Mignon Zinnias. Small, button-like, fully double flowers of gorgeous colors. Long stems for cutting and basket work if heavily manured. In separate colors: Salmon-rose, Golden Gem, Crimson Gem, Canary Yellow or in mixture. ½ oz. 50c, ¼ oz. 30c, 2 pkts. 25c	1½		.15
Rosebud (new). Rose pink. ¼ oz. 50c, ⅛ oz. 35c.....	1½		.20



THE PROBLEM OF THE EDGING PLANT

For the past two seasons my garden has boasted what has seemed to me the handsomest flower edging I have ever seen, and one which I am afraid is going to be copied next summer in half the gardens of the county. I used an oz. of Alyssum seed of the variety known as "Carpet of Snow" and a quarter ounce of Lilac Queen. The lilac sort grows just enough taller than the white to give the edging a delightful irregularity in height, and the color softens and enlivens the deadness of the white, as used alone, into a pleasing tint, sometimes suggesting a delicate soft gray and again a dainty pink. Toward fall the lilac color grows somewhat stronger than earlier, probably because the colored sort holds out much better than the white.

Innumerable people visit my garden each season, and hardly a garden owner who has seen it recently but has exclaimed over this Alyssum edging and has asked the recipe for it. It will be used again this coming summer and indefinitely until the urge for a change seizes me, and then I suppose I shall turn to Violas or lobelias, for out of all the edging plants I have tried, or seen tried, these three come nearest the standard of perfection. (House Beautiful.)

SECTION 3

Select List of Hardy Perennial Plants

SUCCESS WITH PERENNIALS

The chain of success with perennials is made up of the following links. The chain is no stronger than its weakest link. Lack of successful perennial planting will result when any one link fails.

1. Prepare the soil deeply and thoroughly. Remember that a perennial bed must remain for some years.
2. Use plenty of fertilizer. A complete fertilizer or bone meal will result in strong plants and abundant flowers.
3. Arrange the plants so that they are suited to the space allotted to them; put the tallest ones at the back, using such sorts as may be depended upon for a good foliage background. Let some of the taller sorts extend toward the front, especially in the wider parts of the bed or border. This avoids monotony and gives interest. Provide for choice edging plants which are compact in growth.
4. Select plants which produce an abundance of bloom throughout a long season for the main stand-bys of the border. Tuck a few choice or lesser known sorts in the spaces between the dependables.
5. Choose colors with care. Avoid the close association of the various shades and tints of the different reds, combining the scarlets, oranges and salmons together, but not near the crimsons, magentas and lavender-rose colors. Use white flowers to separate doubtful colors; but do not use white too abundantly.
6. Be sure to buy Bordeaux Mixture in March, so that you are prepared to start spraying Peonies, Phlox, Hollyhocks and Delphiniums early. Spray the plants and the soil as soon as growing starts, and repeat every week. Use according to directions on the can in which the Bordeaux Mixture is purchased.
7. Have arsenate of lead and nicotine extract on hand. Use a spray or dust of arsenate of lead for all insects or caterpillars which chew holes in the leaves. Use nicotine sulphate or tobacco extract for the various plant lice, aphids or other sucking mouth-part insects. With the latter class it will be necessary to hit the insects with the spray.
8. Cultivate the soil between the plants so that there is a constant layer of loose soil about them. This will help to eliminate the need for watering perennials.
9. Transplant each sort when it becomes greatly crowded, or seems to be ill-adapted to the location. Most sorts can be divided into several pieces to increase the number of plants.
10. Give the plants a protection for winter.

TINY SEEDLINGS OR ADVANCED PLANTS

Which will you have? The difference is this: (1) If you are keen and careful, and have some previous experience of pricking out, watering, and tending the early stages of plant growth—then the TINY SEEDLINGS will be both a JOY and a PROFIT. There is no doubt about them. They reach you fresh and healthy, and, if you have reasonable facilities, SUCCESS IS CERTAIN. (2) If, on the other hand, you are easy, and if the circumstances are such that you cannot give critical attention, or have not the elementary knowledge, accommodation, or facilities—then ADVANCED PLANTS or clumps will be your best investment. These are past the critical stage, and only ordinary care is necessary to insure success, provided they are planted at the proper time.

SPECIAL NOTICE!

All Tiny Seedlings are sent by Post, carefully packed between layers of fine moss, and at the prices quoted they are package and postage free. Some people prefer to have them sent by express, thinking the package will get more air, but the package, of course is very small.

CAUTION!

Do not order one dozen seedlings plants to be sent by themselves—they are so small and the package so small, that it is most difficult to pack one dozen tiny seedlings in such a manner that they will keep moist enough for long distance shipment.

NO PLANT ORDERS ARE SOLICITED FOR LESS THAN ONE DOLLAR UNLESS YOU ADD 25c EXTRA FOR HANDLING CHARGES AND POSTAGE.

SPECIAL NOTICE

Seeds and all Unbloomed Seedlings, though offered in Separate Colors, must be accepted as from mother plants only of the colors indicated, with no warranty, expressed or implied, that the progeny will be constant to the parent colors.

PLEASE DO NOTE

The proportion of true color shades may vary from 85% to 95%, the balance being recessive types of earlier parentage. If you must have exact color lines, named sorts (from cuttings or division) alone are absolutely reliable.

ATTENTION. IMPORTANT NOTICE—READ IT: Always add 10% to the total amount of your plant and bulb order, if you want them sent by mail postpaid, to cover packing and postal charges; **IF YOU DON'T DO IT WE TAKE IT FOR GRANTED THAT YOU WANT YOUR ORDER SENT BY EXPRESS, CHARGES COLLECT.** We strongly recommend EXPRESS SHIPMENT for all but small orders; plants travel safer, faster and cooler—they are not tied up in stuffy, air-tight mail sacks for days and nights at a time; this is especially true in the early spring months, when the weather is liable to turn warm most any day or night.

ANTHEMIS GOLDEN YELLOW MARGUERITE

Tinctora, Perr's Variety. A beautiful golden yellow flower; blooms all summer long. Height 18 inches to two feet. A new perennial of sterling merit. Easily grown in any ordinary border, producing a profusion of large, well shaped flowers from June to September. Delicate fern-like foliage. Invaluable for cutting purposes. Wherever exhibited in England this novelty has been awarded medals and Award of Merit by the Royal Horticultural Society. Strong blooming roots, per dozen \$2.50, each postpaid 25c.

ARTEMISIA; WORMWOOD; HAWTHORNE SCENTED MUGWORT (Family: Compositae)

Lactiflora. Blossoms creamy-white, very effective, beautiful ornamental foliage plant; 5 feet; August to October. No seeds. Plants, each, 25c and 40c.

AQUILEGIA, COLUMBINE (Family: Ranunculaceae)

Does well in the shade and loves a moist situation.

Dobbie's Imperial Hybrids. Long-spurred. One of the best strains including all shades of blue, pink, yellow, etc. Seedlings, 60c per doz.; 25 for \$1.10. Individual clumps in two sizes, 25c each, or \$2.50 per doz., and largest clumps 40c each or \$4.00 per doz., by express, charges collect. Assorted colors only, not sold to color.

The True Rocky Mountain Columbine. Very long spurs of an exquisite light blue with white cup. Does well in shade and often grows in its native habitat on the edges of sparkling brooks. No small seedlings this spring; but large "advanced" seedlings \$1.50 per doz. Clumps 25c and 40c each, depending upon the size.

Aquilegia Hensol Harebell (Novelty). An all vivid deep blue short-spurred Columbine; a very fine novelty. Blooming plants 25c each, \$2.50 per doz.

Pearson's Pink Shades. A true strain of extra long-spurred Coral Pinks only (with a few rogues, of course, now and then). Clumps 25c and 40c each. A dozen for the price of ten.

Mrs. Scott Elliott's Long-Spurred Hybrids in shades of pink, blue, lavender, white, yellow, etc. Assorted clumps 25c and 40c each. No seedling this spring.

Closing date for shipment of Aquilegias, Delphiniums and Lupines (except seedlings) March 15th to April 1st, depending upon the season.

ANCHUSA MYOSOTIDIFLORA (The Forget-Me-Not Anchusa)

A charming plant with the exquisite blue flowers of Forget-Me-Nots and large heart-shaped basal leaves. A clump of this beautiful plant is about a foot high, as much across, and a more beautiful subject for the cool rock garden or the border is not easy to find. Strong plants, 25c each; large clumps, 40c. These must be planted very early in the spring.

AJUGA

- A. Reptans.** Forms a close carpet 2 to 3 inches high of richly bronzed purple leaves; it has creeping stems, rooting at every joint. Flowers are like a mint and blue; an excellent evergreen; beautiful in winter. It forms a good ground cover for damp or shaded positions where grass will not thrive. Situation, sun or light shade; soil, any, not dry. A good rock plant. Per dozen \$2.50; each..... .25

ASTERS—PERENNIALS; MICHAELMAS DAISIES

Very beautiful late-flowering single daisies; they are giving a wealth of bloom during September and October, a season when most other flowers are past, and for the best effects should be planted in masses; they are hardy and grow freely in any soil, multiplying very rapidly. **SPRING DELIVERY ONLY.**

AMELLUS SECTION — DWARF VARIETIES

"Snow Sprite." A new hybrid of exceptional merit. Semi-double, white flowers blooming in late September; only 12 to 16 inches high; will prove of great value for the rockery and edging. 25c each, \$2.50 per doz.

Amellus "King George." The finest of this genus; enormous rich violet-blue flowers. Each 35c.

NOVI BELGII VARIETIES

Blue Gem. One of the most effective; large double flowers, glorious shade of rich true blue. 4 to 5 feet.

Climax. Large light lavender-blue flowers, five tall and much branched. A very beautiful old variety. 5 to 6 feet.

Elsa. Huge double and semi-double flowers of a soft rosy-blue; free flowering and of good habit. 5 feet.

Heather Glow. A delightful shade of brilliant rose-pink. The plants are covered with the delightful flowers. 4½ feet.

Little Boy Blue. One of the finest blues yet raised. Dwarf habit, neat bushes about 2 feet high, covered with the large semi-double, rich blue flowers.

Little Pink Lady. A charming companion to Little Boy Blue. Dwarf bushes covered with large semi-double flowers of a deep pink color.

Perry's White. Finest white yet raised. Award of Merit R. H. S.

Royal Blue. Is considered the finest blue yet introduced. Stout branching stems smothered with large rich purple flowers. Award of Merits R. H. S.

Snowdrift. This is the finest of the many double white variety, semi-double snow-white flowers.

Thora Perry. Stout branching stems, the whole smothered with large semi-double silver-white flowers. Award of Merit R. H. S.

Price of any of the above Novi Belgii Sorts for 2 or 3 strong blooming roots, 25c; six for \$1.50, or \$2.50 per doz. (Plus 10% for postage.)

Barr's Pink (Novi Angliae). A lovely light mallow-pink with stiff petals and a brilliant golden center. Height 5 to 6 feet. Flowers 2½ inches in September, a mass of glowing pink in the garden. 3 plants for 60c (plus postage); each, 25c.

READ: In the early stages of growth, watch out for the red lice. Spray with a strong tobacco solution or any good lice powder; keep it up two or three times during the heat of the day when the air is still and they won't trouble any more.



IMPORTANT NOTICE: Owing to our mild Pacific Coast climate and our early springs, such early starting things as delphiniums, columbines and lupines cannot be shipped away from here (except to near-by states) **AFTER MARCH 15th.** Please, remember this. If your garden is still frozen up you can set the plants in a cold frame or cool greenhouse until the weather moderates.

No plant orders are solicited for less than One Dollar, unless you add 25c extra for handling charges and postage.



TUBEROUS ROOTED BEGONIAS

Tuberous-rooted Begonias may now be looked upon as one of the most popular of summer garden flowers, especially adapted for the decoration of the window garden, the veranda, the conservatory, the flower border and beds enjoying partial shade.

These tubers may be started any time from January to April, and the best method is to place them in shallow boxes containing nice light soil, consisting of one part each of loam, leaf mold, and a half part coarse sand. Do not cover the crown of the tubers, and water very sparingly until they start into growth. They can then be transplanted into individual pots for green house or the home, or can be grown successfully outside in a shady location where they will thrive and bloom all summer long and in the fall be taken up and stored away in a cellar with a temperature of about 50 degree. On no account should they be allowed to get dry enough to shrivel or damp enough to rot, while in storage.

Mammoth Double Flowered. Special collection of bulbs. Contains one bulb each of double begonia Yellow, Orange, Salmon, Rose, Pink, Scarlet, and Copper for \$1.60.

Separate colors of the above 25c each; 3 for 70c; and 12 for \$2.75.

Pendula. Hanging basket or trailing type. These produce masses of showy flowers in yellow, white, orange, rose, scarlet. All double. 3 for 85c; 12 for \$3.25.

CANNAS

King Humbert. Large purplish brown foliage with a metallic sheen forming a fine contrast to the orange-colored flowers. Makes a strong growth and blooms profusely; 4½ feet. 20c each; 3 for 55c; 12 for \$2.00; 25 for \$3.50.

Yellow King Humbert. Bright yellow flowers attractively marked with crimson dots. Grows 4½ feet tall. The leaves are rich green. Very fine. 20c each; 3 for 55c; 12 for \$2.00; 25 for \$3.50.

City of Portland. Contrasting with the rich deep green foliage are the large, bright pink flowers; 3½ feet tall. 20c each, 3 for 55c; 12 for \$2.00; 25 for \$3.50.

⌈ All plant "Clumps" unless 10% for postage has been added to your order will be sent by express, charges collect, with the exception of seedlings or advanced seedlings and small bulb orders. These will be sent by parcel post, pre-paid, unless requested by express. ⌋

Delphiniums {Hardy Perennial Larkspur}

NO BABY SEEDLINGS THIS SPRING—HEREAFTER WE WILL
SHIP THESE DURING THE FALL MONTHS ONLY

BUT UP TO MARCH 15 we can ship "ADVANCED SEEDLINGS" at \$1.50
and \$2.50 per dozen, and still larger ones at \$3.50 per dozen.

After March 15th, Sent at Your Own Risk!

Not less than three of any one strain sold.

How large are "ADVANCED SEEDLINGS"? All have already bloomed with one stalk in our gardens; they will give you from three to six blossom stalks in your garden next season, are exceedingly cheap at the price, and really the best size to transplant, better than large clumps.

No advanced seedlings of Pudor's Prize Winner Strain this spring; sold out. CLUMPS only. See further on for prices.

From England's Famous "Blackmore and Langdon" Novelties. England's finest. In three sizes—all will bloom profusely this summer. \$1.50 per doz.; \$2.50 per doz., and \$3.50 per doz.

From Named Imported Wrexham Seed (Watkins Samuel's Strain). In three sizes as above and same prices.

From Mother Plant "Nora Ferguson." A pale blue, shaded soft pink, semi-double. Gives some lovely seedlings. In three sizes as above and same prices.

From Mother Plant "The Shah." Deep rosy lavender, dark eye. Large semi-double, spike long. Produces magnificent seedlings. In three sizes as Blackmore and Langdon and same prices.

Delphinium Bella Donna "Cliveden Beauty" and "Fanny Stormonth" at 15 and 25c each. A dozen at the price of 10.

Bella Donna "Bellamosum." Dark blue. Same prices as for the other B. D. 40c each, postpaid, or \$4.00 per doz. by express. Smaller sizes, 25c each.

DELPHINIUM PLANTS FROM OUR PRIZE WINNER STRAIN

Besides the seedlings (not bloomed yet) offered above, we have several hundred individual clumps—2 and 3 years old—of exceptionally fine quality, which we are offering at \$1.00, \$2.00 and \$2.50 each, or \$10.00, \$20.00 and \$25.00 per dozen, according to quality; all are very fine; blossoms double and from 2½ to 3 inches in diameter. In rich soil, when well taken care of, they will tower 6 to 8 feet tall, each clump producing 4 to 8 blossom stalks the first season.

Bella Donna Delphiniums, Cliveden Beauty and Fanny Stormonth are almost similar. We will have clumps to spare of these lovely, sky-blue varieties at 40c each, postpaid, or \$4.00 per doz. by express. Smaller sizes, 25c each;

Chinese Azure Fairy and Blue Butterfly, lovely low growing hardy Delphiniums. Are easily and quickly grown from seeds and can be treated as annuals. No plants.

DIELYTRA SPECTABILIS (Bleeding Heart)

Large clumps, by express, 60c each. By mail, smaller, 40c each. FOR EARLY SPRING DELIVERY, not later than March 15th.



All "Clump" plants, unless 10% for postage has been added to your order, will be sent by express, charges collect, with the exception of seedlings and advanced seedlings and small bulb orders. These will be sent by parcel post prepaid, unless requested by express.

A Rare and Unusual Plant with an Iron Constitution

DICTAMNUS, or the GAS PLANT

Grows about 2 to 2½ feet high, bearing lemon-scented hyacinth-shaped flowers during May and June, with rich durable foliage - crushing the latter creates some sort of a gas, which can be lighted with a match. **Two colors, white and rosy red.** You will love the plant. Two-year-old field-grown plants in either color, per plant 40c, plus 15c postage to Eastern states and 10c to Middle and Western States.

GEUM, AVENS (Family: Rosaceae)

Geum Boris. A charming low growing geum developed some years ago by King Boris of Bulgaria, a great plant lover. We have grown it for several years and like it better every year. It is the most persistent bloomer in our garden, starting early in the spring and keeping it up until the flowers are killed by frosts. A charming plant for the rock garden, growing only 15 inches high with glowing orange scarlet flowers. Strong blooming plants 35c each, 3 for \$1.00. Also seeds listed.

G. "Fire Opal" (New). A variety of exceptional merit with handsome semi-double flowers over 2½ inches, brilliant scarlet overlaid bronze. 2 feet. Strong blooming plants 35c each, postpaid.

GYPSOPHILA "BRISTOL FAIRY"

Gypsophila "Bristol Fairy." The finest, largest and double Baby's Breath; hardy perennial. Large roots that will produce immense flower heads that you can sell throughout the summer as cut flowers. **Mammoth roots 75c each, postpaid.**

Gypsophila Pacifica. The new rose-pink hardy perennial Baby's Breath. Height 4 feet. Strong blooming roots 3 for 50c; larger 25c each.

Gypsophila Acutifolia. Height 1 foot. Lilac-rose, pretty and useful species. Mammoth roots 60c each, plus 1 pound postage.

Gypsophilas do best in rather dry places and not too rich soil, and like plenty of lime.

HELENIUM (SNEEZEWORT)

Riverton Gem. The best of all; old gold suffused with bright terra-cotta changing to wall-flower red. 3 to 4 feet high. In bloom from August until October. Strong plants, 25c each.

HELIOPSIS (HARDY ZINNIA)

Lalvis. Beautiful golden yellow daisy-like flowers growing on stalks 3 feet high; very valuable for cutting.

Pitcheriana. Deep yellow flowers. Very showy border plant. Strong plants of either variety 25c each.

HOLLYHOCKS; ALTHAEA (Family: Malvaceae)

Double Pink or Double Pure Yellow or a mixture of nice colors, 15c, 25c and 40c each clump, or 12 for the price of 10, plus postage or by express collect.

LILY OF THE VALLEY

These lovely flowers are too well known to require a description. Strong field-grown clumps for immediate effect, 40c each; \$4.00 per doz. Single Pips, \$4.00 per 100.

Either fall or very early spring planting; will succeed best in the shade or northern exposure.

LINUM—PERENNIAL FLAX (Family: Linaceae)

Linum Narbonense. A very fine variety; much superior to the common Flax. 35c per clump, \$3.50 per doz.

LUPIN POLLYPHYLLUS

Plants Not Available After March 15th

Large Mixed Seedlings in Two Sizes \$1 and \$1.50 per doz. Larger plants, that have already bloomed, in a mixture of beautiful shades, 25c each. Big clumps 40c each by express, charges collect.

If you don't succeed with lupine in your particular locality don't give up! Your soil simply lacks a certain bacteria which the lupine must have in order it can grow the small nodules found on its roots with which it manufactures nitrogen, without which the lupine cannot live. If your lupine wilts, turns yellow and dies, pull it up, you won't find any nodules on its roots. You can remedy the matter by applying certain bacteria to your soil. Ask us for the leaflet "SOLVING THE GREAT LUPINE MYSTERY." It will tell you all about it.



A clump of perennial Lupin

Back in 1888, Dr. Hellriegel of Germany proved that all legumes are hosts to a beneficial bacterium on their roots. This bacterium, now generally referred to as "*Bacillus radicola*," has the power to change the free nitrogen in the air to a nitrate directly assimilable by the plant. Dr. Hellriegel showed that these bacteria live in nodules on the roots, and that where these nodules are present the plants grow luxuriantly.

For several years I have been growing from 1500 to 2000 seedlings of hybrid lupines on a lime soil, and all plants that are two years or older have their roots full of these nodules of bacteria, most of them from one-quarter to one-half inch in diameter, but many are three-quarters of an inch through. The plants grow luxuriantly, some of them five feet tall, with 18-inch spikes. Here, then, is the cause of the successes or failures in growing this legume, just as it has been the cause of the successes or failures of the farmers in growing alfalfa and other members of the legume family. For success, you must have a lime soil and the right bacterium.

The sourness of the soil can be corrected by the addition of lime or wood ashes, preferably the latter, and the correct bacterium may be supplied by broadcasting soil from a plot where lupines, with nodules on their roots, have been grown, or plants with the bacteria on their roots may be purchased. One other cultural detail that should be observed in growing lupines is to remove the flower stems before the seed pods form. If you wish to save seed, allow but one spike on a plant to form seed. Few plants seem to feel the weakening effect of seed formation as much as do the lupines.

The lupine is a native of America. At least one species is found in every state in the union, while a total of more than 200 species and varieties cover the country. One of my correspondents in Fairbanks, Alaska, informs me that one or more species of the lupine grows luxuriantly there under the Arctic circle.

Barre, Vermont

JAMES E. MITCHELL (In Horticulture)

NEPATA MUSSINI (Catnip)

An excellent plant for any position, but especially useful in the rock garden. Of dwarf, compact habit, producing masses of bloom. The soft, lavender shade of the flower and pleasing gray of the foliage make this an attractive plant. It thrives in dry, sandy soils, and remains in beauty over a very long period. The plant may be easily increased by division in the autumn or spring. Strong plants, 25c each; \$2.50 per doz.

PULMONARIA SACCHARATA

Prefers a moist situation and some shade. Will thrive on the margins of your pool. Large green leaves effectively blotched with white. Flowers blue to pink. Height one foot. Only plants, in two sizes, 35c and 25c. Must be planted in February or March.

PYRETHRUM—PERSIAN DAISY (Family: Compositae)

A very handsome hardy perennial, double and single flowers in lovely bright colors of deep red, carmine, shades of pink and pure white; an excellent cut flower; pretty fern-like foliage.

Pyrethrums—Persian Daisy. From seeds of DOUBLE varieties. Some will come in single. No small seedlings. Prices, 10c, 15c and 25c each.

Notice—Transplant and divide every second year in the spring.

**PHYSOSTEGIA VIRGINICA VAR. VIVID.**

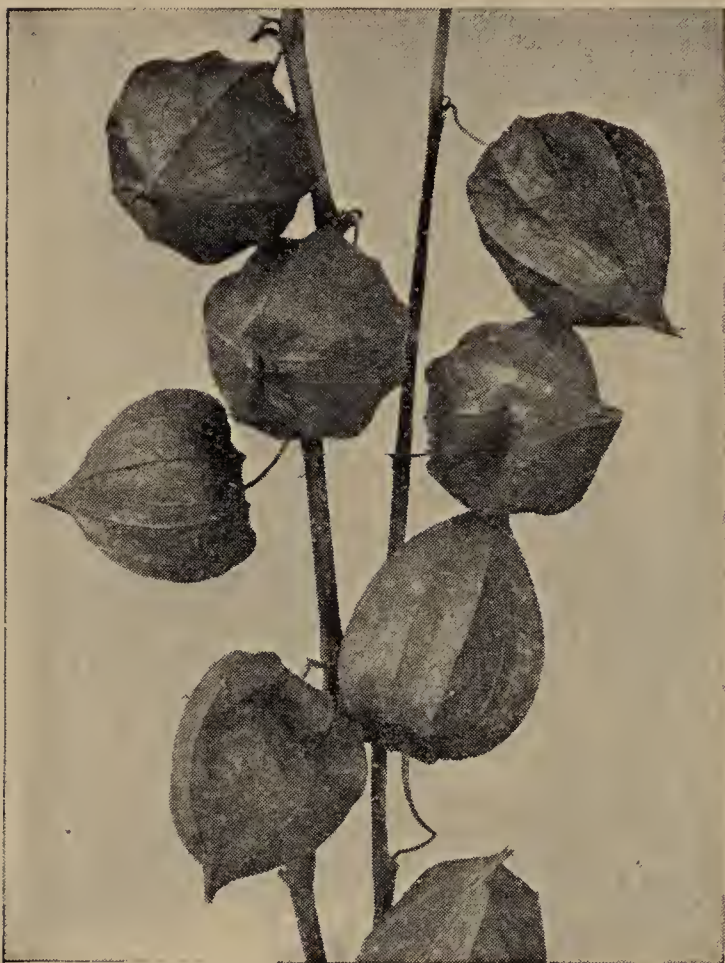
A valuable addition among autumn flowering perennials, and very desirable for the rock garden or front row of the herbaceous border. The height is about 18 inches, forming a sturdy and compact habit of growth, producing a profusion of short well-furnished stems of brilliant rosy-crimson flowers.

strong flowering plants 25c each, \$2.50 per doz. Specimen plants 40c each.

Virginica Rosea. Forms large clumps 3 to 4 feet high, bearing long spikes of delicate pink flowers in July and August. Price same as for "Vivid."

RUDBECKIA (Cone Flower)

R. Maxima. A rare and attractive variety, growing here in our garden 6 to 8 feet tall, with large glaucous green leaves and bright golden yellow flowers, 4 to 6 inches across, with a green cone an inch or more high; in profuse flower during September. Plants, 25c each; \$2.50 per doz.

*Japanese Lanterns***PHYSALIS—Japanese Lantern**

Francheti. This wonderfully decorative plant is easy to grow and multiplies rapidly. A big money maker that will yield more than any other outside crop. The fruits are becoming more popular each year for decorative purposes in the early fall and winter. The color of these lantern fruits is orange-vermilion and are everlasting after drying. Single plants produce as many as thirty lanterns that sell readily in any flower market. They are beautiful for home decoration, being everlasting. Strong roots 20c each; \$2.00 per doz.

SALVIA ULIGINOSA

A late flowering perennial plant from Mexico. Of outstanding beauty, which sends up its graceful, branching sprays, of gorgeous blue flowers to a height of seven feet or more during September and October. Coming from Mexico it is none too hardy, although our plants growing here have stood in the open with a little covering of litter over their crowns. Strong plants 25c each.

NEW MINIATURE HYBRID TRITOMA

An entirely distinct species from the common Tritoma or "Red Hot Poker" as it is commonly called. Beautifully attractive flowers smaller in size than the older type, decidedly more graceful and dainty, and with a much greater range of colors and shadings. Clear reds, pinks, yellows, salmons, and other soft shades predominate together with glorious combinations of these colors. The flower stems are slender and are splendid for cutting. In bloom from early spring to late summer they are particularly effective for garden display. Useful for planting in the rockery, along walks or terraces, in the perennial bed or in any sunny position. Tender perennials. Strong division in blooming size, 30c each, 4 for \$1.00; \$2.75 dozen, postpaid.

SCABIOSA—PINCUSHION FLOWER (Family: Dipsaceae)

The One Plant that is in Continuous Bloom from Early Spring Until Killed by Frost, and a Most Charming, Lasting Cut Flower for the House

S. Caucasica. Isaac House's finest Hybrids. Hardy perennial; many new shades of lilac and deep blue; prized for cuttings; 12 to 18 inches, 25c and 35c each; advanced seedlings, that will bloom profusely this summer \$1.50 per doz.; 6 for 85c; 15c each.

These plants are true perennials and are all perfectly hardy, but they require dividing every two or three years to obtain the best results. They will not come true from seed, although seeds saved from the best varieties produce startling advances. Plants bloom all summer long, until killed by frosts.

Seed should be sown in a frame or cool greenhouse in March or April, and the seedlings transplanted into their flowering quarters in May or early June. See color plate back cover.

SPIREA FILIPENDULA

A hardy perennial, fern-like foliage with tall sprays of small cream-white flowers. Height 2 feet. An uncommon plant. 35c, 3 for \$1.00.

THE NEW "PUGET SOUND WONDER" STRAWBERRY (Also known as the "New Washington")

Undoubtedly the best strawberry in cultivation. Reasons for pre-eminence—largest, sweetest and best flavored berry, red to the center. The flavor is like the wild strawberry. Eighteen berries fill a shipping box the first part of the season. It will grow on either heavy or light soil and in any climate where strawberries are grown. Most prolific grower, as when grown in hills on fertilized ground the plants grow so large that the pickers can pick only one side of a row at a time.

Nearly frost-proof, as young plants stay green at three degrees below zero. Blooms late and ripens early. Big money maker. Good shipper. It has been shipped 2500 miles and arrived in good condition.

As nearly as we can trace the parentage of this berry, it is a Marshall, crossed with the native wild strawberry.

Plants: \$1.00 per 50; \$1.50 per 100, prepaid west of the Rockies; east of the Rockies add 25c per 100. \$5.00 per 1000 by Express collect.

MASTODON—A WONDERFUL EVERBEARING STRAWBERRY

Will produce all through the summer and fall until heavy frost. The essentials for success: good fertile soil that will retain the moisture; EARLY planting most important and keep the blossoms off until June so the plant can make a vigorous growth which means delicious berries all through the summer and fall. Prices: 25 plants for 60c, postpaid; \$1.00 per 100, postpaid (25c more for Alaska and Canada); \$5.00 per 1000 by express, charges collect; \$3.00 for 500.

THALICTRUM DIPTEROCARPUM

The Beautiful Tall Meadow Rue. Graceful flowering plants with loose panicles of lilac-mauve flowers, brightened by lemon-yellow stamens and anthers. With beautiful, fine-cut foliage; of easy cultivation in sun or shade, and a charming cut flower. Height 4 to 6 feet. Strong clumps that have already bloomed 40c each; smaller 25c each; \$2.50 per dozen.

THERMOPSIS (False Lupine; Buffalo)

Caroliniana. A showy, tall-growing plant, attaining a height of four to six feet; producing long spikes of yellow flowers in June and July. Blooms with the Delphiniums. Strong, blooming clumps, 40c each.

TROLLIUS OR GLOBE FLOWER

Trollius or Globe Flower (European species). A beautiful, hardy and easily cultivated perennial of great beauty. Suitable for either sunny or shady places. The flowers are globe shaped and of immense size, yellow and orange in color; bloom in spring. Strong clumps that will bloom this spring 40c. Must be planted early.

THYMUS (Thyme)

The charming Mountain Thymes make a perfect, close, fragrant carpet on hot, dry, sunny banks where grass is difficult to establish; they are a sheet of blossom in June, July. Excellent for carpeting patches of spring-flowering bulbs. Citriodorus. The golden yellow form of the well known "Lemon Thyme." 30c each; 3 for 75c.

Serpyllum Album (White Mountain Thyme). Forms dense mats of dark green foliage and clouds of white flowers; three to four inches; June and July. 35c each; 3 for \$1.00.

Serpyllum Coccineum. Plants become completely covered with brilliant crimson-scarlet flowers. 35c each; 3 for \$1.00.

VERONICA

Veronica Rupestris (Creeping Speedwell). Rock or border plant. A prostrate creeping plant with almost evergreen foliage, and myriads of gentian blue flowers in spring. Height 2 inches. Hardy and a rapid grower, but does not become a weed. Prefers sun or semi-shade. Excellent for borders of garden beds, steep terraces, paved walks, rockeries, etc. 25c each; \$2.50 doz.



A Group of Pudor's Japanese Iris Seedlings, raised from seed

GORGEOUS JAPANESE IRIS—Our Own Re-Selected Seedlings

Order by Number

"Those Japanese Irises you sent me last year are the most gorgeously beautiful things we have ever had in our garden. I want five more dozen." Thus writes a customer.

- No. 5—A double, five petaled rich purple with yellow center. In two sizes, 35c and 50c each.
- No. 10—A three petaled, heavily veined blue on white ground and a yellow radiating center. Two sizes, 35c and 50c each.
- No. 30—Large wine-red, with yellow center. Three large petals. Two sizes, 35c and 50c each.
- No. 40—A very fine and very large three-petaled blue variety. Size A 50c.
- No. 60—A 3-petaled pale lavender with deep purple veining; very beautiful. Size A 50c.

- No. 80—A very large pure lilac 3-petaled variety with a white radiating center; very free bloomer. Size A 50c; Size B 35c.
- No. 90—A beautiful 6-petaled double variety of rich velvety purple with a yellow radiating center; a gorgeous thing. Size A 75c; Size B 50c.
- No. 100—Extra tall with three petals of a large, light purple-blue, with a yellow center. Two sizes, 35c and 50c each.
- No. 130—A beautiful double 6-petaled variety; pansy-violet without any veining in the petals. Price: Size B 50c.
- No. 150—A beautiful 3-petaled white variety with blue veining and very prominent upright standing standards. Prices: Size A 50c; Size B 35c.
- No. 160—A beautiful, double variety with six petals on a deep wine-red on white ground with a yellow, radiating center. 50c each.
- No. 180—A lovely 3-petaled pure violet. Size A 50c; Size B 35c.
- No. 190—A very rich royal purple with three large petals. Size A 50c; Size B 35c.
- No. 200—A tall, white heavily veined with blue. Three petals. In two sizes, 25c and 40c each.
- No. 200—A 3-petaled rich crimson velvety purple; a wonderful color. Size A 50c.
- No. 220—An extra tall free bloomer, three immense petals of a deep blue heavily veined on a white ground with yellow centers. In two sizes, 25c and 40c each.
- No. 230—A double 6-petaled pure white. Size A 50c; Size B 35c.
- No. 270—A lovely blue color, but seems a shy bloomer; possibly not in your garden. Size A 75c; Size B 50c.
- No. 290—A double five petaled blue and white with a yellow center. In two sizes, 35c and 50c each.
- Morning Mists. We are sold out of this variety for two coming seasons.

JAPANESE NAMED VARIETIES

- Osho Kun. A beautiful, double, light blue on white ground. Two sizes, 35c and 50c each.
- Koko-No-Iro. A very large, double, purple with a contrasting, yellow center. Two sizes, 25c and 40c each.
- Kuro Kumo. Double deep purple, overlaid with blue. Size A, 50c; Size B, 35c.
- Shirataki. Very tall, broad fluted white petals with a golden band in the center; a wonderful pure white flower. Size A 50c; Size B 35c.

Size "A" consists of Large Division with 3 or 4 fans; each one, if taken care of as it should be, will produce flower stalks the first year. Owing to the heavy weight of the Japanese Iris, please include 25c per plant extra for mail charges (2 lbs.), Middle Western and all Eastern and Southern States. West of the Rockies add 10c to each plant.

Size "B" consists of Divisions with at least 2 fans; these should also produce one or two flower stalks the first season under favorable conditions; these are sent postpaid to California and all states West of the Rocky Mountains, but East of the Rocky Mountains please add 12 cents to each clump of the Size "B." A clump of this size will weigh 1 lb. or more.

We advise Express Shipment. For large orders, say from a dozen up, especially of Size "A," we advise express shipment; they are too heavy and clumsy to be shipped by mail.

Japanese Irises will thrive in any part of the United States; they are hardy and much more beautiful than the Germanica group. If you have never grown them, you have missed a lot. They are fine for cut flowers. You can plant them in the early spring or in the fall with equal success.

HAND-COLORED FLOWER SLIDES FOR GARDEN CLUBS

Over 100 Garden Clubs throughout the states showed our colored Delphinium and flower slides last year; there are some 35 of them in a set, including a little talk on the cultivation of Delphiniums, thrown on the screen and read aloud by the operator; there is also other reading matter, the whole making it a sort of an illustrated lecture. Time required for showing, about 30 to 45 minutes. We have three sets going all the time, and it is well to make application three to four weeks ahead of your meeting. Each club must pay the transportation charges of the slides to the next place, which average about \$1.50 each way—nearby points much less. They must be promptly returned.

Send for This Bulletin, if You Grow Plants from Seeds!

"MISSOURI BOTANICAL GARDEN BULLETIN," entitled "GROWING PLANTS FROM SEEDS," handsomely illustrated with 29 photographs, showing the whole process of sowing seeds to the transplanting of the seedlings. It is by far the best bulletin on the subject we have ever seen. Through the courtesy of the Botanical Garden we were given special permission to reprint this bulletin. Price 15c, or free with all SEED orders amounting to \$2.00 or over, IF YOU ASK FOR IT. Please send stamps or coin, or include amount with your order.

THE FAMOUS PUDOR IRISES

(Not Shipped after April 15th)

IRIS CULTURE

Any ordinary garden soil, and almost any position suits the Iris, but a rather dry and sunny position is the best; they object to fresh stable manure, which should be avoided when planting. If the best results are desired they should be planted in good, rich soil which must not be deficient in lime. The latter constituent is of the greatest importance in the cultivation of bearded Irises, and it must be added to the soil if not present in sufficient quantity. It is a good plan to give a dressing of superphosphate of lime when transplanting, and a dressing of powdered chalk in the Autumn and Winter.

Owing to the heavy growth our German iris makes here during the fall and winter we cannot afford to send this iris in the spring of the year. We can offer them for sale for July to September delivery only, with the following exceptions which we can offer for early spring delivery, up to April first, not later, with an additional charge of 8c for postage for each rhizome as far as the Middle West and 14c each to southern and eastern states. In the spring these rhizomes when packed weigh nearly one pound and the above mentioned postage covers this charge. **The following are the varieties for SPRING DELIVERY:**

ALIQUIPPA. Height 34 inches. Fragrant; late bloomer. A very fine large yellow variety. Silver Medal Iris Society.....	.25
ASIA. Height 4 to 5 feet. A grand Iris unlike anything else. S. Pale silvery lavender; F. Reddish purple. Both S. and F. with gold margins.....	.25
BALLERINE. Height 3 feet. Very sweetly scented. S. Light blue-violet. F. A deeper shade. An Iris that is always greatly admired.....	.25
BRUNO. Height 3 feet. One of the finest "Dominion" seedlings. One of the five best Iris. S. Bronzy heliotrope. F. A rich velvety violet purple .....	.25
CATTLEYA. Height 30 inches. A light lavender pink toned variety. S. Fawn and lavender rose with deeper Falls remarkable red veins.....	.25
CITRONELLA. Height 3 feet. A handsome brilliant free-flowering yellow with Falls beautifully veined and mottled red. Given an Award of Merit in England .....	.25
CONCHOBAR. Height 4 feet. S. Lavender overlaid bronze. Falls rich velvety plum-purple. Tall and handsome.....	.25
DUKE OF BEDFORD. Height 34 inches. A fine large "Dominion" seedling. S. Deep reddish-violet; Falls rich velvety purple.....	.25
ESPLENDIDO. Height 3 feet. Very large and branched, a fine dark blue toned Iris. One of Mr. Mohr's California Iris.....	.25
EVADNE. Height fully 3 feet. A glowing rosy-red self Iris; a great improvement on Seminole, deliciously scented.....	.30
GEORGIA (Farr). S., F. and stigmas a soft shade of rose; bright orange beard; a most beautiful, delicate variety.....	.25
GOLD IMPERIAL. (By Miss Sturtevant.) Stalks widely branched, profuse bloomers of chrome-yellow flowers of beautiful texture.....	.25
ISOLINE. Height 2½ feet. A grand distinct Iris. S. Lilac-pink; F. purplish old rose, golden at throat.....	.25
LORD LAMBOURNE. Height 3 feet. Very early. Profuse bloomer. S. Soft rosy-fawn. F. rich crimson, golden beard.....	.25
MILDRED PRESBY. Height 30 inches. An exceptionally rich bi-color. S. Palest yellow; F. Velvety violet. Fine substance.....	.25
PIONEER. Height 3½ feet. One of the finest Iris in cultivation; a "Dominion" seedling. Color most effective brilliant red-purple.....	.25
PLUIE D'OR. Height 36 inches. A large flower of perfect form and a profuse bloomer. A deep pure golden-yellow self. One of the finest new Iris .....	.75
STEEPWAY. Height 3½ feet. A beautiful, distinct variety. S. reddish-fawn; F. purple and apricot; flowers like satin.....	.25
SUSAN BLISS. Height 3 feet. One of the finest pink-toned Iris. Largest flowers of a delicate shade of pale lilac-rose; 3 and 4 flowers open at one time .....	.25
WILLIAM MOHR. An immense ruffled flower on stems 30 inches tall. A self color of pale lilac veined with deep violet. A marvelous variety. Stock is very scarce and orders can not be filled of this variety until the summer .....	.80

MISCELLANEOUS IRIS SPECIES AND BEARDLESS IRIS

GIGANTEA (Orientalis). See Orcholeuca.

OCHROLEUCA (Orientalis). Noble-growing hardy plant, producing large flowers of ivory whiteness, with orange-yellow at the throat, of a stout texture, lasting in beauty for days, highly effective for decorative purposes. 6 ft.-----each .35

TOL-LONG (Tolmiena x Longipetala). This is a very free flowering plant, intermediate in character between the parents. I think it one of the most charming border Irises. The flowers are a delightful shade of the palest lavender, and are beautifully veined. 1½ to 2 ft.-----each .35

SULPHUREA. A beautiful yellow form of the Ochroleuca. A vigorous grower; supply small -----each .50

RARE IRIS SPECIES AND HYBRIDS BY PERRY

These Iris species make charming clumps for the Alpine Garden, blooming in June and growing 12 to 18 inches high.

Hyacinthina, rare species from Thibet, remarkably free flowering with soft blue flowers. 35c each; \$2.00 for six.

Bulleygraphes. A fine hybrid of recent introduction. 35c each; six for \$2.00.

Chrysogana. Another fine hybrid of recent introduction. Blooming sized clumps 35c each; \$2.00 for ½ dozen.

IRIS CHRYSOFOR

By Perry of England

A new race of early-flowering Irises, producing a profusion of dainty flowers during the early spring. Invaluable for cutting purposes, lasting well in water. Masses of grass-like foliage from which issue many stout wiry stems bearing several medium-sized flowers in shades of white, lavender, sky-blue, rich purple, sulphur yellow and bronze. In mixed colors. Cannot supply in selected colors. Strong seedlings in their second year that should bloom this season. \$1.50 per doz. Larger plants 25c each.

IRIS SIBERICA

Spring or Fall Delivery

The most elegant of all Irises and among the easiest to grow. The Siberian Irises have long, tall stems, grassy foliage, and are very floriferous. They are among the best for cutting, or for massing by the waterside. The flowers are various shades of blue with white marking; they succeed best in moist sunny situations in rich soil.

	Each	3 for
PERRY'S BLUE. A wonderful shade of sky blue; 4 ft. The best of all -----	\$.35	\$1.00
DISTINCTION. A lovely small blue flower, posed on a slender stem like a butterfly-----	.35	.90
ORIENTALIS "EMPEROR." Deep violet blue. One of the best-----	.35	1.00
ORIENTALIS "SNOW QUEEN." Of snowy whiteness, rich yellow blotch -----	.30	.80

Prices quoted are for good strong divisions of blooming size and age.

PLEASE ADD 10c POSTAGE TO EACH SIBERIAN IRIS ON ACCOUNT OF THEIR HEAVY WEIGHT

Roanoke, Va.

Pudor's, Inc.:

Please let me thank you for so much pleasure in receipt of my order to you of Iris. Your Rhizomes are the finest I know and these are grand and I feel they will bloom in the spring just as those did you gave me as a prize several years ago. They were the finest I had seen till now. They came and I got them planted the day before I left for I waited over after your card came. Thanks again,

MRS. MASLIN DAVIS,
504 12th Street.

Spring and Summer Bulbs



ST. BRIGID ANEMONES

It is easy to grow St. Brigid Anemones from seed and to flower them in about seven months. The general times of sowing are (1) February or March to flower the following September or October; (2) June or July for producing flowers the following year. The seed should always be sown where the plants are to flower, and thinned until they stand 6 inches apart. The soil intended for Anemones should be deeply dug and a generous supply of well-decayed cow manure added. If the soil is heavy some sandy material should be added to the top two or three inches to enable you to get a good seed bed.—H. C. Morant.

ANEMONES ST. BRIGID

Royal Crown Strain. Extra choice mixed; enormous blooms, extra fine double and semi-double flowers borne on long, stiff stems with great variety of very rich striking colors. Plant three to four inches deep in the spring or fall in good, rich, sandy loam. Mulch during the winter in cold climates. Keep grass and weeds out of the bed. Beautiful flowers for the Alpine garden. Soak the little leather-like looking bulbs in water for 24 hours before planting; be careful to plant them right side up (the flat side). If you plant them wrong you will be writing us, "My Anemone bulbs I bought of you did not grow. What are you going to do about it?" We can't do anything about it.

One-year-old bulbs that will bloom well, Jumbo Size.....	Doz.	.75
One-year-old bulbs, No. 1 Size, that will also bloom.....	Doz.	.50



TIGRIDIA PAVONIA—GRANDIFLORA

Tiger-Flower or Shell Flower from Mexico

No flowering bulbs give more richly colored or beautiful flowers. Highly recommended for greenhouse decoration. Pot up as soon as received and plunge in cold frame, withholding water until the foliage appears, then giving it sparingly at first. Bulbs for outdoor planting in colder climates should be stored during the winter in soil or peat, not quite dry, away from frost until March, and then be planted in sunny positions in the flower-border or in beds in sunny positions in well-drained soil, the bulbs being surrounded with sand.

Beds of Tigridias make a gorgeous picture during July, August and September and should find a place in all gardens. The flowers are formed by three broad petals extending from a central cup. The bulb is of about the same habit and hardiness as the Gladiolus. In mild climates they can, however, be left undisturbed for years and can stand a small amount of frost.

The Ladies' Home Journal recently had an illustrated article about these attractive flowers from which we quote:

"This brilliant silken triangle unfolds from its long slender bud and bursts into sharply contrasting tints of fire, leaping from bright yellow to molten orange and vivid scarlets, and is eagerly sought as a rare but sturdy garden novelty."

No. 1 Top Size Bulbs, the only size we sell that will produce many flowers to each bulb. Red, Yellow, Orange separate, 2 for 25c; 6 for 65c; \$1.25 per dozen, postpaid. Per hundred \$6.00, express charges collect.

Giant Deep Rose. A fine novelty. Stock limited. \$1.50 per dozen, postpaid.

Mixed. Most red, yellow and orange. Per hundred \$5.50, express charges collect. \$1.00 per dozen; 2 for 20c.

Two Rare Novelties. Blush Pink, and White. Stock is very scarce and prices high. 20c each.

Lilies for Early Spring Planting

We Can Deliver Them Up to April 1st—Not Later

LILIUM REGALE or MYRIOPHYLLUM

Introduced from Western China by Mr. E. H. Wilson. It is hardly necessary to sing the praises of *Lilium Regale*, for is it not generally regarded as the finest of all garden Lilies of recent introduction? It is very bold and vigorous. The sturdy stems, three to four feet high, being densely covered with long linear-lanceolate leafage, and each bearing two to four flowers. The center of the flower is flushed with yellow, shading to white at the outer edges, and externally the flowers are streaked with brown, shading to pink at the tips which shows through the almost translucent petals with a delightful pearly tint. It is very distinct.

While we advocate the planting of lily bulbs during the fall months many customers like to plant this lily in the early spring, which can be done, and for that purpose, we always store a few hundred bulbs for the winter, for spring planting, for delivery up till April first. These are the only two sizes we store for spring delivery:

7 to 8-inch circumference, will produce fine flowers. 20c each, postpaid. At the rate of 15c each per 25, 50 or 100 by express, charges collect. Not less than 25 sold at this price.

9 to 10-inch circumference, 30c each postpaid. At the rate of 25c each per 25, 50 or 100 by express, charges collect.



Cherokee, Iowa,

Dear Mr. Pudor:

I am enclosing a kodak picture which may please you. On March 11, 1932, I planted three Pudor's Regal Lily bulbs. On July 5, 1932, there were seven stalks, one five feet tall with 25 buds, 18 in bloom at the same time. On all seven stalks there were 40 lilies in bloom and 15 left to open—a beautiful picture. My garden friends would not believe me, but "seeing is believing."

On two other Regals purchased elsewhere two years ago, and though five feet and with a dozen blooms each, there was an increase of one stalk.

Two years ago I also purchased three Madonna Lily bulbs of Pudor's which this year had eight stalks, at the same time three bulbs from another firm who radioed daily about their wonderful bulbs. These planted at the same time, side by side had increased one, while Pudor's had almost tripled. Hereafter only Pudor's lily bulbs for me.

Very truly yours,

MRS. C. L. H.

LILIUM REGALE FROM SEED

The Regal Lily is one of the few popular hardy Lilies which may be rapidly propagated from seed. Seed is sown out of doors in March in drills about one-half inch deep, the rows being from 8 inches to 18 inches apart and with from 10 to 40 seeds to a foot of row. Ordinarily, the seed germinates readily and the seedlings begin to appear in from four weeks to six weeks. At the end of the first season's growth the seedling bulbs are from $\frac{5}{8}$ inch to 1 inch in diameter. Many of the largest bloom the second year. Seed: 1-oz. 75c, $\frac{1}{2}$ -oz. 40c, per pkt. 15c.

Unwins' English Mignon or Dwarf Hybrid Dahlias

Sown in March,
they bloom in June

Seed, 25 cents per Packet
1/16 oz. 50c



As grown from seed. An actual photograph showing a few of the exquisite shades embraced.

*One of the Very Best Floral Introductions
of this Decade*

Easier to Grow from Seed than Asters or Stocks

For description and prices turn over

UNWINS DWARF HYBRID DAHLIAS

(Special Re-Selected Stock)

One of the Finest Floral Introductions of this Decade

In this new race are combined the best qualities of Coltness Gem and the Charm type. In the main, the form of flower is semi-double (see photo) but a few single and fully doubles are produced. The Hybrids are very precocious, blooming 3 to 3½ months from the time of sowing. They are extraordinarily free, the blooms being thrown up on strong stems well above the foliage. Rarely exceeding 24 inches in height, they do not require stakes, and may be planted as closely as 18 to 20 inches apart. Given the same treatment, they are easier to raise from seeds than Asters or Stocks. We believe the color range to be wider than in any other type of Dahlia.

These Hybrids are the outcome of 10 years' scientific hybridization and selection, and are far and away the finest type of Dwarf Dahlias in commerce. Continuous drastic re-selection has vastly improved the strain we now offer on the original strain.

¼ oz., \$1.50; ⅛ oz. (over 500 seeds), 75c; 1/16 oz. (over 250 seeds), 50c.
Per pkt. of about 75 seeds, 25c.

Chicago, Illinois, 1934

HORTICULTURAL EXHIBITION AT A CENTURY OF PROGRESS

September 22, 1934.

Pudor's, Inc., Puyallup, Washington.

Gentlemen:

I thought you would be interested in knowing how the English Mignons, which you sent in the Spring, are developing. These flowers are now in full blossom and make a wonderful showing. They are attracting a great deal of favorable attention.

I believe that this variety represents one of the finest Dwarf Dahlias and we highly recommend it to everyone.

JOHN A. SERRAS, Executive Secretary.

While visiting in Chicago and at the fair, I saw some of your dwarf dahlias. They certainly are beautiful.

MRS. C. N., Norwood, Minn.

Dalton, Penn.

"I think the finest novelty I saw during the entire season, either on private, commercial, or in shows, was your charm Dahlias."

A. O. COURTRIGHT.

Unwin's Hybrid Charm Dahlias. Delightful Mignon Dahlias; beautiful single and semi-double dwarf Dahlias; good keepers and charming for bouquets or house decoration. Five different varieties for \$1.10, prepaid. Each..... .25
\$2.50 per doz. (all different), by express, charges collect.

Little Pink Lady. A charming semi-double light pink Mignon Dahlia with fluted petals with yellow center. Height 15 inches. Three tubers for \$1.00. Each40

Little Red Riding Hood. A most charming flame colored double flower with a full center of same color, just like a large double Pyrethrum. Height 15 inches. We are sure you will love it. Flowers in both varieties are 3 inches in diameter. Most charming cut flowers, keeping for days. Price same as for Little Pink Lady.

The above two Mignon Dahlias were selected from out of dozens different varieties, as the best colors and the prettiest flowers.

All our Mignon and Charm Dahlias make excellent cut flowers for house decoration, lasting for many days. In this they differ from the ordinary dahlias.

SOME OF THE MOST ATTRACTIVE POMPON DAHLIAS

They ask so little and give so much. Little or no staking is required, there is constant bloom, and that splendid quality, long life as a cut flower. They are delightful little guests in the house.

Many people say they have no room for Dahlias, but the POMPONS take up so little, and are a very valuable flower for the small garden, providing bloom when there is a dearth of such. We want to convert you to like, at least, this kind of Dahlia. We are sure you will be delighted with the darling POMPONS.

Aimee. A lovely small bronze.....
 Amber Queen. Golden amber and orange.....
 Bronze Beauty. Beautiful golden apricot; a free
 bloomer good for cutting, as all pompons are.....
 Catherine. A clear canary yellow.....
 Darkest of All. Maroon, very dark.....
 Dee Dee. Very small. Pale lilac, fine for exhibition....
 Elizabeth. New, golden yellow edged brownish red....
 Girlie. Mauve pink.....
 Joe Fette. A splendid pure white.....
 Little David. New small orange scarlet.....
 Vivid. Brightest scarlet; bush dwarf.....
 Tom Thumb. A very small rich red

COLLECTION:

These 12 Best
POMPONS

for

\$2.50

postpaid.

Regular list price

\$3.25.

Each 25c.

Six for \$1.25.

NOVELTIES

Coltness Gem. English dwarf single red Dahlias. Tubers, each..... .35

MOST GARDENERS LOVE TO RAISE FLOWERS FROM SEEDS

This little bulletin, a most excellent publication, will certainly help you to overcome all your seed difficulties.

MISSOURI BOTANICAL GARDEN BULLETIN, entitled "GROWING PLANTS FROM SEEDS"

Handsomely illustrated with 29 photographs, showing the whole process of sowing seeds to the transplanting of the seedlings. It is by far the best bulletin on the subject we have ever seen. Through the courtesy of the Botanical Garden, we were given special permission to reprint this bulletin. Price 15c. Ask for it. It is sent free with all seed orders amounting to \$1.50 or more, if asked for with the order.

Brooklyn Botanical Garden Leaflets. Concise, valuable hints on The Planting and Cultivation of Perennials. Ask for Bulletin No. 6.

Starting Perennials from Seed. Ask for Bulletin No. 7.

5 CENTS EACH—Be sure and give the number you want.

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If mailed separate, 5 cents each bulletin.

ATTENTION. IMPORTANT NOTICE—READ IT: Always add 10% to the total amount of your plant and bulb order, if you want them sent by mail postpaid, to cover packing and postal charges; IF YOU DON'T DO IT WE TAKE IT FOR GRANTED THAT YOU WANT YOUR ORDER SENT BY EXPRESS, CHARGES COLLECT. We strongly recommend EXPRESS SHIPMENT for all but small orders; plants travel safer, faster and cooler—they are not tied up in stuffy, air-tight mail sacks for days and nights at a time; this is especially true in the early spring months, when the weather is liable to turn warm most any day or night.

EARLHAM LARGE FLOWERED HYBRID MONTBRETIAS

These are the magnificent New Montbretias which have attracted so much attention the last year or two at the Royal Horticultural Society's shows in late summer and during autumn and gained the Gold Medal. They are a completely new race of flowers, the result of hybridization successfully carried out by the late Mr. Sydney Morris of Earlham Hall, Norwich. They represent an enormous advance over the ordinary Montbretias in commerce, being much taller and more robust in growth, and having flowers of great size and beauty, some measuring three to four or more inches in diameter. These Montbretias make first class border plants and are of great decorative value for cutting.



New Montbretia "His Majesty"

Montbretias are of easy culture, preferring a light loamy soil well enriched with leaf mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal can be used and a light dressing of lime may prove beneficial. The moisture supply should be good and they thrive in the partial shade of borders or shrubbery as well as in full sunlight. If planted in the fall, mulch lightly with peat or litter, but not manure.

In severe climates, spring planting is best and they can be given the same treatment as Gladioli.

THE BEST THREE MONTBRETIAS ARE THESE:

His Majesty. A glorious variety, flowers measuring 4 inches or more across; very broad-petalled; deep velvety scarlet shading down to gold; reverse of petals dark crimson shading down to gold; height 4½ feet; the largest-flowered of all Montbretias. First Class Certificate, R. H. S., and Glasgow. First size bulbs, flowering, 25c each; \$2.50 doz.

James Coey. Flowers very large and open, of perfect form, with smooth broad petals; rich deep vermilion-scarlet with golden-orange luster; center yellow with crimson blotches; very handsome; height 3½ feet. Award of Merit, Haarlem and R. H. S. First size flowering bulbs, 25c each; \$2.50 doz.

Una. Flowers rich apricot with carmine blotch; a well-shaped flower of good substance; height 2½ feet. Award of Merit, R. H. S. First size flowering bulbs. 20c each; \$2.00 doz.

San Francisco, Calif.

P. S.—I know you will be glad to learn that the Montbretia bulbs which I bought from you last year and the year before are in bloom and are one of the most beautiful novelties in my garden and greatly admired by all who have seen them. They are even beyond my greatest expectation and everything you promised in the description in your catalogue.

MRS. A. N. B.

FLOWERS TO GROW IN COOL SHADY POSITIONS

There are many flowers which succeed well in cool, shady or partly shady places, amongst them being *Bellis*, *Catananche*, *Cineraria Maritima*, *Cynoglossum*, *Digitalis*, *Thalictrum*, *Anchusa*, *Campanula*, *Sidalcea*, *Meconopsis*, *Baileyi*, *Myosotis*, *Oenothera*, *Nemophila*, *Nicotiana*, *Polyanthus*, *Aquilegia*, *Canterbury Bell*, *Geum*, *Mimulus*, *Phlox*, *Hardy Primulas*, *Trollius*, *Pansy*, *Viola*, *Lupinus*, *Sweet Rocket*, *Anemone*, *Saponaria Ocymoides*, *Verbascum Phoeniceum*, *Coreopsis* and *Linum*.

PERENNIALS WHICH SUCCEED ON POOR SOIL

Very often perennials or biennials are needed for positions where the soil is "hungry" or poor, and unless one is experienced, the choice of suitable flowers may well constitute a somewhat difficult problem. There are, however, several which will do quite well, such as *Alyssum Saxatile Compactum*, *Hollyhock*, *Gaillardia*, *Lupinus*, *Armeria*, *Valerian*, *Perennial Dianthus*, *Heuchera*, *Myosotis*, *Oriental Poppy*, *Statice Latifolia*, *Erigeron*, *Cheiranthus Allioni*, *Campanula*, *Digitalis*, *Verbascum*, *Lychnis*, *Geum*, *Achillea*, *Helianthemum*, *Aubrietia*, *Iberis Sempervirens*, and *Portulaca*. Naturally, with many of these, results will not be so good as when the plants are grown on ordinary soil, enriched with manure. The point is, however, that they are capable of furnishing a satisfactory show.

BEST SOIL FOR FLOWER SEEDS

Our favorite medium is three parts loam, two parts leafmold, and one part sharp sand, adding peat for woodland subjects and more sand for those not in love with too much moisture. These preparations should suit almost anything. Fill the pan to within half-an-inch of the rim and press the soil very firmly.

NO SHIPMENT OF PLANTS AFTER MARCH 20TH

Please note that owing to our mild winters plant life here awakens so early in this Puget Sound country that it is inadvisable to make shipments of *DELPHINIUMS*, *AQUILEGIA*, *LUPINE*, and *BLEEDING HEART* after March 20th, except to nearby states.



Pudor's Garden Gift Package

A LOVELY EASTER PRESENT OR GIFT PACKAGE

THAT YOUR FRIENDS WILL APPRECIATE FOR YEARS
AND BLESS YOU EVER AFTERWARDS

THERE will be enclosed in a beautiful outside picture envelope with your name on it—not ours—ten different varieties of beautiful and unusual flower seeds, easy to grow and hardy anywhere. Here is the collection: One package each of

ANAGALLIS (the lovely Pimpernel) SUNSHINE ASTERS. FINEST MIXED LARKSPUR. LEPTOSYPHON (the charming new French Hybrid Phloxworts) NEMOPHILA. PHACELIA. VIRGINIAN STOCK. FINEST DAHLIA FLOWERED ZINNIAS, and one package of PUDOR'S FAMOUS DELPHINIUS "PRIZE WINNER STRAIN."

The catalog value of this collection is \$1.50. You pay us One Dollar!

In addition a copy of the following poem is enclosed:

Eastward In Eden

NOT in the starlight, not in moonlight, even,
Are gardens most divine, but when the dawn
Creates a new-born Eden of the world!

Go then into a garden when the Day
Walks first among the roses by the path.

Lean down your cheek against the petals, cool
With early sun-bright air and chilly dew;

Lift up with careful hand a drooping spray . . .
Pluck out a thorny weed . . . set props aright . . .

Be one with all the Garden's growth and need—
And you will know the sharpest joy of life—

The joy of giving love and service due,
And winning back as recompense for love,
The very breath and soul of beauty's self!

I do not think it strange that God first set

His new creation, Man, in garden ways . . .

There is no other spot in all the earth,

To which the mortal heart so cleaves and clings

As to a garden—whether it may be

Broad acres or a rift among the rocks,

No larger than the space for seven seeds!

As Jesus said of men, so of His flowers . . .

Where two or three are gathered, there is God.

—AGNES KENDRICK GRAY.

Send your card with your order, same to be enclosed in the gift package. Don't forget to give name and full address of your friend, and WRITE PLAINLY. If you want the package to be sent "insured," please add ten cents, \$1.10 in all.

We ask you, What more thoughtful and loving gift can you give?

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JAPANESE BAMBOO CANES

LEAD PENCIL THICKNESS

The nicest, neatest support for your plants. Last for years.

- 2-ft. Green stained. 60 cts. per 100 postpaid west of the Rocky Mountains, except southern California, Arizona and New Mexico.
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EXTRA HEAVY WEIGHT BAMBOO, NATURAL COLOR

Just the thing for your Roses, Dahlias and Delphiniums; widely used in England for delphinium support; 3 or 4 to a plant will prevent blossom stalks from being snapped off by strong winds; they are not as stiff as wooden stakes and sway more or less with the plant. We have tried them out in our extensive plantings for the past three years and find them the best support for delphiniums. Stakes will last for years, if stored during the winter.

- 6-ft. Plain, extra heavy $\frac{3}{4} \times \frac{7}{8}$ dia., \$4.00 per 100 (not less than 50 sold) by express charges collect. Per bale of 400, \$14.00.
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- 3½-inch Painted and copper wired labels; the kind you fasten to a stake or direct to the plant. The paint and the copper wire makes them last 2 and 3 years. Per 100, postpaid, 40 cts. Per 500, postpaid, \$1.75. Per package of 1000 \$2.65 postpaid west of the Rocky Mountains; \$2.85 east of the Rocky Mountains and southern California, Arizona and New Mexico.
- 8 inches Long smooth, painted Pot or Garden Labels; lots of room to write upon. \$2.50 per 500, express charges collect; Per 100 by mail postpaid 75 cts.

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EXTRA FINELY GROUND "SWEDEX" SUPERFINE. For your lawn, pot plants, for seed beds and seed flats. It is a little more expensive than ordinary peat moss as it is ground finer than any other peat moss but its finer quality, hence greater benefits, means economy in the end and it is so much nicer and easier to handle. Put up in 50-lb. sacks, \$1.75 f. o. b. here. Per standard bale, weighing about 135 lbs., \$3.50 f. o. b. Puyallup. Half size bales \$2.00.

- 25-lb. Carton of finely ground "SWEDEX" prepaid to your door west of the Rocky Mountains, \$1.50.

Please order carefully, whether you want the HORTICULTURAL Peat Moss, or the extra finely ground "SWEDEX."

DELAY IN DELIVERY. It might happen sometimes that the available supply is temporarily exhausted, awaiting a new supply from abroad, causing a delay of some 30 days or so, hence order your wants EARLY.



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SCABIOSA CAUCASICA

True perennials and perfectly hardy, blooming the entire season until frost.
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